Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.23 1948

LIBRARY
RECEIVED
SEP 18 1940
U. S. Department of Agriculture

Vaughan's Spring flowering Bulbs

VAUGHAN'S SEED STORE

CHICAGO
NEW YORK

1940

Above: View of Vaughan's Tulips growing in Oregon, the largest tulip plantings in America.

A Rainbow Garden of Tulips for $2.00

Thirty giant-flowered tulip bulbs from fields in Oregon as illustrated above, six each of five different varieties, separately bagged and labeled, of the following colors: Red, Yellow, Orange, Pink, Lavender. Prepaid for $2.00.

The tall, late giant tulips of Darwin, Cottage and Breeder clans, are without rivals in the spring garden. Our bulbs grown in the Pacific Northwest have excelled imported Dutch bulbs in tests at our trial grounds.

EIGHT HARDY DAFFODILS $1.10

ONE EACH OF THE VARIETIES ILLUSTRATED ON THIS PAGE, PREPAID

Cover Collection B

Two Each of the Varieties Illustrated on this Page, (16 bulbs) Prepaid for $2.00.

Three each (24 bulbs), $2.90.
Six each (48 bulbs), $5.40.
Twelve each (96 bulbs), $10.00.

Prices of Separate Varieties

	Each	Doz.
Top left, Silver Star - -	$0.20	$1.75
Middle left, Spring Glory -	.15	1.25
Lower left, Tresserve - -	.15	1.35
Top center, Golden Scepter	.15	1.25
Lower center, Glory of Lisse	.10	.85
Top right, Twink - - -	.20	1.75
Middle right, Diana Kasner	.15	1.30
Lower right, Croesus - -	.15	1.30

Plates from Natural Color Photograph.

Now American Grown Tulip Bulbs

From our own plantings in Oregon, largest in this country

Vaughan's FAMOUS *Rainbow Garden of* GIANT TULIPS

One of our tulip fields last summer in State of Oregon, where we had the largest tulip plantings in this country.

30 Flowering Size Bulbs, 6 Each of Five Different Varieties Separately Bagged and Labeled of these colors: Red, Orange, Yellow, Lavender and Pink. Prepaid $2

Our American grown tulips growing side by side with imported Dutch bulbs of the same varieties, in trials at Western Springs, Ill., which thousands of visitors inspected last May. American grown bulbs proved equal or superior to the Dutch, in tests covering several years.

War will not deprive Americans of tulips this fall, thanks to the five-year experimental program which Vaughan's Seed Store has conducted in the production of tulip bulbs in this country by scientific methods.

Beginning on a modest scale, with test plantings in several different states, we have gradually increased our operations and centered them in the Pacific Northwest as experience showed us the way to successful production. Our stock of bulbs has rapidly increased until last fall we planted our maximum acreage, giving us the largest tulip plantings in America.

From the beginning of our experiments, our bulbs have been subjected to every test of quality, being constantly compared with the best imported Dutch bulbs, for vigor, height of stem, size of flower, color, and keeping quality. In the case of every variety listed in this catalogue our American-grown bulbs have been proved to be equal or superior, to imported Dutch bulbs.

The tests which prove this statement have been witnessed by thousands of our customers in the Chicago area, who have inspected each spring for several years the extensive tulip trials, conducted by us in Western Springs, Illinois.

Here, in elevated beds shaded by aster cloth from sun and wind, we have flowered side by side, American grown and imported Dutch bulbs of the same variety. Hundreds of varieties have been so tested, and in almost every case the American grown bulbs were equal or superior to the imported. Where this was not true, the variety was dropped.

This test has given us a list of varieties which like American conditions and which will thrive in your garden as they have in our trials and productions fields.

Prior to this fall our large bulbs have not been sold for garden use but have been forced in greenhouses for the cut flower market, where they have brought maximum prices. But since at the time this is written it seems apparent that no Dutch bulbs can be imported this fall, owing to the war, we are making our flowering size bulbs available to our customers.

1 Copyright 1940 by Vaughan's Seed Store.

Autumn is Best Time to Make a Lawn

Vaughan's Chicago Parks Lawn Seed

PREPAID Anywhere in U. S. A.

1 Lb. 45c

½ Lb.,	$0.25
2 Lbs.,	.90
3 Lbs.,	1.35
5 Lbs.,	2.20
10 Lbs.,	4.00
15 Lbs.,	5.90
20 Lbs.,	7.75
25 Lbs.,	9.50
100 Lbs.,	35.00

AUTUMN is the most favorable time to sow lawn seed, the earlier the better. In the short days and cool nights the seedling plants make vigorous growth. Give them all the time possible to become established before freezing weather arrives.

It is more than ever important now to sow only permanent grasses, free from short-lived, coarse growing types. For a lawn of permanence and beauty, our famous Chicago Parks mixture is recommended, containing only fancy, recleaned seed of fine leaved, hardy, lasting grasses of high purity and germination. It contains no timothy, or other coarse adulterants. Remember, cheap mixtures invariably disappoint and increase rather than reduce expense.

We offer Chicago Parks mixture without Clover as "Fairway Mixture" at Chicago Parks prices.

Vaughan's "Private Estate" Bent Formula

For those who are interested in bent grass we highly recommend our Private Estate formula.

In addition to Kentucky Blue Grass of the highest quality, to insure a foundation for your lawn, Private Estate formula includes an important proportion of bent, and produces a fine, heavy turf.

Price, 1 lb., 60c; 2 lbs., $1.20; 3 lbs., $1.75; 5 lbs., $2.85; 10 lbs., $5.50; 15 lbs., $8.15; 20 lbs., $10.75; 25 lbs., $13.25; 100 lbs., $50.00.

Vaughan's "Columbian"

When making a lawn on sandy soil or in light shade, conditions are met with which require the use of a special grass seed blend. Vaughan's "Columbian" is the correct blend for such locations.

Price, ½ lb., 35c; 1 lb., 55c; 2 lbs., $1.10; 3 lbs., $1.60; 5 lbs., $2.60; 10 lbs., $5.00; 15 lbs., $7.40; 20 lbs., $9.75; 25 lbs., $12.00; 100 lbs., $45.00.

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. A splendid mixture. It is also satisfactory in light shade.

Price, ½ lb., 40c; 1 lb., 70c; 2 lbs., $1.40; 3 lbs., $2.05; 5 lbs., $3.35; 10 lbs., $6.50; 15 lbs., $9.65; 20 lbs., $12.75; 25 lbs., $15.75; 100 lbs., $60.00.

Vaughan's No. 25 Lawn Formula

An economy blend for new seedings and quick results which should be followed by reseeding with a more permanent blend like our "Chicago Parks." In spite of its low price, this blend does not contain timothy. Sow at the rate of 1 lb. to every 200 sq. ft. Begin cutting when grass is 3 to 4 inches high and continue to cut regularly to keep turf fine.

Price, 1 lb., 30c; 2 lbs., 60c; 3 lbs., 85c; 5 lbs., $1.25; 10 lbs., $2.40; 15 lbs., $3.50; 20 lbs., $4.60; 25 lbs., $5.50; 100 lbs., $20.00.

Fancy Kentucky Blue Grass (Poa Pratensis)

EXTRA HEAVY SUN-CURED SEED—Specially recleaned. Price, ½ lb., 25c; 1 lb., 45c; 2 lbs., 90c; 3 lbs., $1.35; 5 lbs., $2.20; 10 lbs., $4.00; 15 lbs., $5.90; 20 lbs., $7.75; 25 lbs., $9.50; 50 lbs., $17.00.

Fancy Seed— (Standard grade of recleaned blue grass.) Price, ½ lb., 20c; 1 lb., 35c; 2 lbs., 70c; 3 lbs., $1.00; 5 lbs., $1.60; 10 lbs., $3.00; 15 lbs., $4.40; 20 lbs., $5.80; 25 lbs., $7.15; 50 lbs., $14.00.

Chewings Fescue (New Zealand Grown)

Seed, 5 lbs. to 1,000 sq. ft.—1 lb., 65c; 2 lbs., $1.30; 3 lbs., $1.95; 5 lbs., $3.15; 10 lbs., $6.25; 15 lbs., $9.35; 20 lbs., $12.25; 25 lbs., $15.00; 50 lbs., $27.50.

Rough Stalked Meadow Grass (Poa Trivialis)

Seed, 1 lb. to every 300 sq. ft.—1 lb., 75c; 2 lbs., $1.50; 3 lbs., $2.20; 5 lbs., $3.60; 10 lbs., $7.00; 15 lbs., $10.20; 20 lbs., $13.25; 25 lbs., $16.25; 50 lbs., $30.00.

Red Top Grass (Argrostis Alba)

Extra Fancy recleaned solid seed—Price, ½ lb., 20c; 1 lb., 30c; 2 lbs., 60c; 3 lbs., 85c; 5 lbs., $1.35; 10 lbs., $2.50; 15 lbs., $3.65; 20 lbs., $4.75; 25 lbs., $5.75; 50 lbs., $10.00.

White Clover For Lawns

Extra fancy seed. Price, ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c; 2 lbs., $1.80; 3 lbs., $2.65; 5 lbs., $4.35; 10 lbs., $8.50; 15 lbs., $12.65; 20 lbs., $16.75; 25 lbs., $20.75.

Seed of the Bent Grasses

For lawns the Bent grass seed is preferred to the creeping Bent stolons because these types of Bent do not grow so rapidly and do not require so much cutting and top dressing. Seed at the rate of 3 to 4 lbs. per 1000 square feet.

ASTORIA BENT GRASS. This grass has creeping roots and makes a splendid lawn and golf grass. Requires less care than the aggressive surface creepers. Price, ¼ lb., 35c; ½ lb., 65c; 1 lb., $1.15; 2 lbs., $2.30; 3 lbs., $3.35; 5 lbs., $5.50; 10 lbs., $10.75; 15 lbs., $15.75; 25 lbs., $25.00.

EUROPEAN MIXED BENT is a natural mixture of Bents including true Creeping Bent, Velvet Bent, and a large percentage of Colonial Bent. Seed at the rate of 3 to 4 lbs. per 1,000 sq. ft. Ask for prices.

COLONIAL BENT GRASS makes a fine close turf of excellent color. Spreads from the roots. Seed 3 lbs. per 1000 sq. ft. Ask for prices.

SEASIDE CREEPING BENT GRASS. This is a true unmixed creeping Bent grass seed. One or two top dressings a year will keep it in good condition.

Price, ¼ lb., 35c; ½ lb., 65c; 1 lb., $1.10; 2 lbs., $2.20; 3 lbs., $3.20; 5 lbs., $5.25; 10 lbs., $10.25; 15 lbs., $15.00; 25 lbs. $23.75.

Creeping Bent Stolons

They produce a fine turf in one season, but must have extra care. For $16.00 we will send you enough runners and roots of the grass to plant 1,000 square feet. 500 sq. ft. for $9.25; 250 sq. ft. for $5.25. Express charges collect. If larger quantities are desired, ask for a special quotation. A leaflet about Creeping Bent Stolons will be sent upon request. Fall planting from the latter part of August to the latter part of September.

All Grass Seed is Prepaid to Any Part of the U. S. A. There is an Extra Charge by Post Office for Collection on C. O. D. Packages

Please Order on this Blank

D

To **Vaughan's Seed Store** 601 W. Jackson Blvd., CHICAGO
47 Barclay Street, NEW YORK

F40

YOUR NAME..... Date..... 19.....
Write very plainly

Post Office..... State.....

Street, P. O. Box
or Rural Delivery.....

Express or Freight Office {If different from P. O.} ..... Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

AMOUNT ENCLOSED

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Money Order $.....

Draft or Check $.....

Postage Stamps $.....

Cash - - - - $.....

Make Money Orders or Checks Payable to Vaughan's Seed Store

Table of PARCEL POST RATES to different zones on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

VAUGHAN'S SEED STORE, INC., GIVES NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, BULBS OR PLANTS IT SELLS, AND WILL NOT BE RESPONSIBLE FOR THE CROP; AND IT GIVES NO WARRANTY, EXPRESS OR IMPLIED, AS TO FERTILIZERS, OTHER THAN IN RESPECT TO ANALYSES OR OTHER DATA EXPRESSLY AND LAWFULLY REQUIRED OF THE SELLER BY STATUTES.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	PRICE Dols.	Cts.
	A PREMIUM FOR EARLY BULB ORDERS—To every cash order for BULBS listed in this catalog amounting to $3.00 or more, and mailed before OCTOBER 1, 1940, you may add as a premium to reward promptness, additional BULBS of your selection to the value of 10% of the cash order, and these premium bulbs will be shipped without charge.		
	No premium allowed on orders received by us after OCTOBER 1, 1940.		
	☞ In making your order, please give the sizes and prices to avoid delay and errors. Carried Forward,	$	

(OVER)

Have You Forgotten

Anything on this List?

(Complete Index on Page 28)

Annual Flowers for Fall Sowing, Page 25

Bulb Offers for Beginners, Page 29

Bulb Bowls, Page 26

Bulb Planters, Page 26

Bulbs to grow in bowls, Pages 7, 14, 15

Daffodils, Pages 8, 9, 10

Fertilizers, Page 27

Flower Seeds, Page 25

Fungicides, Page 27

Insecticides, Page 27

Iris, Pages 10, 18, 19

Hyacinths, Page 7

Lawn Seed, Page 2

Lilies, Pages 12, 13

Narcissi, Pages 8, 9, 14 and Cover G.

Paper White Narcissi, Page 14

Peonies, Pages 20, 21

Perennial Plants, Pages 16, 17

Perfume, Vaughan's True Floral, Page 32

Roses, Pages 30, 31

Shrubs, Pages 22, 23, 24

Tools, Page 27

Trees, Pages 22, 23, 24

Tulips, Pages 5, 6, 7

Winter Window Garden, Page 15.

Now, American Grown Lilium Auratum

The Gold-banded Lily of Japan, largest and loveliest of hardy lilies possible to American gardens, has formerly been obtainable only by importation from Japan.

Imported bulbs have been criticised by expert growers for lacking roots, susceptibility to disease, and lack of vigor, attributed to their long sea voyage.

In addition, it has been impossible to obtain imported bulbs until late November, as a rule, leaving too short a growing period for the bulbs to establish themselves in the fall.

For the first time we can offer bulbs this year which are free from all these handicaps. They can be shipped in time to plant in late September; they come to you with their roots on, without the weakening effect of a long sea voyage, and will be found to be exceptionally vigorous and resistant.

Auratum lilies are described on Page 12 of this catalogue, where planting instructions are also given. A single bulb, planted at a focal point in your garden, will provide an accent of beauty during its flowering season.

5-6 inch. Each 50c; doz., $5, Prepaid.

6-7 inch. Each 60c; doz., $6, Prepaid.

7-8 inch. Each 80c; doz., $8, Prepaid.

8-9 inch. Each $1; doz., $10, Prepaid.

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	PRICE Dols.	PRICE Cts.
	Brought Forward		

FROM _____

P. O. _____ STATE _____

Vaughan's Seed Store

47-49 Barclay Street,

New York N. Y.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	7c.	1c. (2 lbs.)
First and Second Zone within 150 miles of either	8c.	1.1c.
Third Zone within 150 to 300 miles	9c.	2c.
Fourth Zone within 300 to 600 miles	10c.	3.5c.
Fifth Zone within 600 to 1000 miles	11c.	5.3c.
Sixth Zone within 1000 to 1400 miles	12c.	7c.
Seventh Zone within 1400 to 1800 miles	14c.	9c.
Eighth Zone all over 1800 miles	15c.	11c.

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,

Amount for Postage

Grand Total $

Filled by ..... Checked by ..... Packed by .....

Shipped by ..... Style of Package .....

Date ..... Book ..... Weight .....

Buy Tulips of Proved Quality

Order Early, for Supply is Short

Tulips offered for sale in America this fall have been gathered from various sources, and will show far more variation than usual in size, quality and price.

Prices cannot be fairly compared without knowledge of the source, size and flowering quality of the bulbs offered. Lowest prices will probably be found on Japanese bulbs, which we are not handling at all.

We list in this catalogue our own American grown tulips of Darwin, Cottage and Breeder Classes, produced in the Pacific Northwest, the most favorable section for tulip production.

Largest Bulbs—Prices on named varieties are for our largest size bulbs, but for some varieties second-size bulbs are also priced.

Second-size bulbs. Most bulbs offered elsewhere this fall, where size is not definitely specified, will be found to be second-size or smaller. Our bulbs of this size are not recommended for greenhouse use but are satisfactory for garden planting, where they produce beautiful flowers, but not the largest.

Single early tulips and hyacinths listed herein, are imported English bulbs, of excellent quality for either greenhouse or garden use.

Red Darwins

Bartigon (22 in.) Large flowers of fiery crimson with bright scarlet margin. One of the best of its color. Doz., $1.25; 100, $9.00.
Second Size, Doz. $1.00; 100 $6.75.
(Illustrated in Color on Back Cover)

Farncombe Sanders (25 in.) Fiery rose scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfect shape. Doz., $1.40; 100, $10.00.
Second Size, Doz. $1.10; 100 $7.50.

Harry Veitch (24 in.) Brilliant blood-red with slightly lighter margin; blue base. Immense blooms on stout stems. An extremely brilliant color that lasts well. Per doz. $1.40; 100, $10.00.

King Harold (24 in.) Very deep crimson, with large blue base. Large, square petaled variety that possesses unusual charm. Per doz., $1.40; 100, $10.00.

Pride of Haarlem (28 in.) Vivid rose. An old standby that is deserving of a place in the best of gardens. Unsurpassable for fine color, reliable performance and enormous flower. Doz., $1.40; 100, $10.00.
Second Size, Doz. $1.10; 100 $7.50.
(Illustrated in Color on Back Cover)

Prof. Rawenhoff (28 in.) Gorgeous deep rose red. Very attractive even under difficult conditions. Doz., $1.25; 100, $9.00.
Second Size, Doz. $1.10; 100 $7.50.

Wm. Pitt (24 in.) Velvety crimson flower of beautiful form. Reliable garden variety. Distinct color and a magnificent tulip. Doz., $1.40; 100, $10.00.
Second Size, Doz. $1.10; 100 $7.50.

Pink and Rose Darwins

Afterglow (26 in.) All the splendor of a glorious sunset seems to be reproduced in this wonderful tulip with its deep orange tints suffused with salmon, and edged apricot orange. Tall, stately grower, and a very popular variety. Doz., $1.50; 100, $11.00.

Clara Butt (20 in.) Newer and superior tulips may be found, but Clara Butt remains a favorite. It is a true pink, wholly free from lavender, a rare color and a charming flower. Doz., $1.25; 100, $9.00.
Second Size, Doz. $1.00; 100 $6.75.
(Illustrated in Color on Back Cover)

King George V (28 in.) An immense flower of brilliant rose with a light blue base. The color is dazzling in its brilliance, and this is without doubt one of the finest and most beautifully formed Darwins, quite worthy to bear a royal name. Doz., $1.90; 100, $14.00.

Mme. Krelage (27 in.) Very similar to Massachusetts, but the central pink band is a shade lighter and blends into the pale border. Earlier and tones off into lighter shades all over. Doz., $1.25; 100, $9.00.
Second Size. Doz. $1.00; 100 $6.75.
(Illustrated in Color on Back Cover)

Darwin

Darwin tulips are characterized by a soft overtone which gives their colors a pastel effect. The flowers are cup-shaped and carried on tall, stiff stems. In color range they include all the rainbow hues, in amazing variety.

Mixture of Darwin Tulips

Vaughan's Special, made up by ourselves from best distinct kinds. Doz., $1.20; 100, $8.50.
Second Size, Doz., 85c; 100, $6.00.

On right, two rows of our American grown Tulip Faust, 36 inches tall. On left, two rows of imported Dutch bulbs of Faust. Photographed in our 1940 tulip trials, Western Springs, Ill.

PINK AND ROSE—Continued

Princess Elizabeth (26 in.) (Syn. Julie Vinot.) Large flower; soft rich rose toning to silvery rose at edges. Inside deep rose, white base. Highly recommended. Doz., $1.25; 100, $9.00.
Second Size, Doz. 85c; 100 $6.00.

Violet, Black and Purple

Benjamin Franklin (27 in.) The softly shading color of this beautiful lavender tulip has an indefinable charm that wins everyone's praise. The flower is strong, the stem long and straight. Doz., $1.90; 100, $14.00.

Blue Eagle (29 in.) (Black Eagle). Extra large cup-shaped flowers of the richest and most intense deep but brilliant purple; anthers are black, base a deep blue. Should be in every garden. Doz., $1.80; 100, $13.00.

Dream (25 in.) Pale violet changing to lavender, with lighter edge and clear blue base. We recommend this tulip as one of the best lilac colored varieties. Its color is soft, but lasts very well. Doz., $1.65; 100, $12.00.
Second Size, Doz. $1.10; 100 $7.50.

Faust (30 in.) Dark satiny purple with blue base, very large and well formed, good forcer. Doz., $1.90; 100, $14.00.
Second Size, Doz. $1.40; 100 $10.00.

La Tristesse (25 in.) Slaty-mauve with silvery margin and a violet and bronze reverse. A splendid contrast with the yellow Cottage tulips. Per doz., $1.80; 100, $13.00.

La Tulipe Noire (25 in.) Nearest of all to the black color. Doz., $2.00; 100, $15.00.

Mrs. Mandel (27 in.) Violet blue, flushed lilac, with large, white base. This variety may be forced very early in January. Excellent keeper, strong stem. Highly recommended. Doz., $1.80; 100, $13.00.
Second Size, Doz. $1.40; 100 $10.00.

Philippe de Commines (26 in.) Velvety. Doz., $1.50; 100, $11.00.
Second Size, Doz. $1.10; 100 $7.50.

Rev. H. Ewbank (20 inches) Deep lilac, toning at the edges to pale lavender. Lighter in color and not so tall as Dream, white base. Distinct flat, open flower. Lasts well. Most popular of this shade. Doz., $1.40; 100, $10.00.
Second Size, Doz. $1.10; 100 $7.50.
(Illustrated in Color on Back Cover)

William Copeland (25 in.) (Sweet Lavender). Outside this variety produces flowers of fine rosy lilac, but is at its best when grown indoors during the winter. When forced indoors the flowers are the purest lavender of all tulips. Doz., $1.25; 100, $9.00.
Second Size, Doz. 85c; 100 $6.00.

Zev (27 in.) A fine violet-blue with lighter border Flower is large and well formed. Doz., $2.00; 100, $15.00.

GIANT LATE TULIPS IN FORMAL GARDEN

DARWIN TULIPS—Continued.

Yellow Darwin

Yellow Giant (29 in.) A golden yellow tulip of great beauty and size, a large flower with black anthers. Tall and strong stem. This is the best of the several yellow Darwin tulips offered. Doz., **$1.50; 100, $11.00.**

Wheaton Collection

100 Giant Tulips, - - $11.50

Ten each of the following outstanding varieties, (100 bulbs) will be sent postpaid for $11.50.

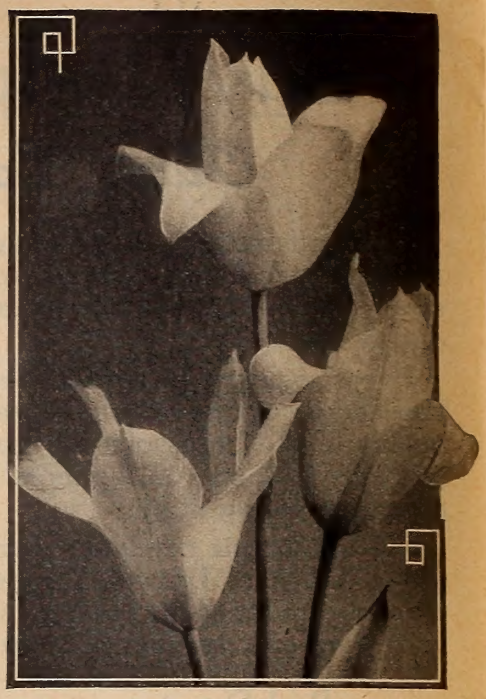
10 Afterglow, salmon orange.
10 Farncombe Sanders, giant red.
10 Gesneriana Lutea, yellow.
10 Inglescombe, yellow.
10 Princess Elizabeth, rose pink.
10 King George V brilliant rose.
10 Blue Eagle, deep violet purple.
10 Von Jehring, black purple.
10 Prince of Orange, orange scarlet.
10 Carrara, giant white.

This collection of 100 bulbs of wonderfully blended colors will provide your garden with a display of which you may well be proud.

Laciniated Darwin

(Illustrated in Color on Back Cover)

Sundew (25 in.) This flower is something entirely new in tulips. The curved petals are provided with barbs, giving the edges of the flower a fringed effect. It is said to be a natural sport of the popular variety Bartigon, retaining the brilliant crimson coloring and magnificent size of its parent. Doz., **$1.50; 100, $11.00.**



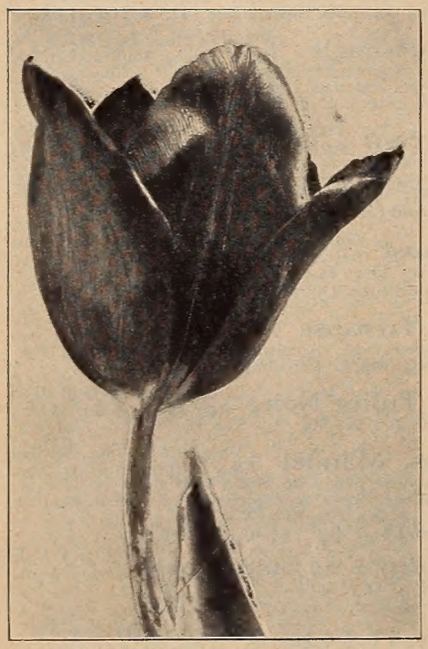
TULIP MOONLIGHT, YELLOW COTTAGE

Maiden's Blush (20 in.) The old English Picotee; snow-white with a margin of rose. The petals are very pointed and reflex beautifully. Doz., **$1.55; 100, $11.00.**
Second Size, Doz., **$1.10; 100, $7.50.**

(Illustrated in Color on Back Cover)

Rosabella (18 in.) This graceful tulip can be compared to the loveliness of a rose bud. Pure pink in color, it possesses great charm. Doz., **$2.00; 100, $15.00.**

Cottage Tulips



TULIP DIDO, PINK COTTAGE

COTTAGE tulips are inclined to have pointed petals, sometimes turned back, and the blossom to be smaller and more slender. But they harmonize perfectly with the Darwins and Breeders and supply a quality of clear, bright color which these lack. They blossom a few days later than the Darwins, often carrying the flowering period of Spring bulbs into the early days of June, especially if planted in a shady position. Light shade also lengthens stems.

Red and Orange

Grenadier (20 in.) Magnificent light orange. When the sun shines on a fully expanded flower of this variety the color is dazzling. Flower long, on graceful stem. Doz., **$2.00; 100, $15.00.**

Orange King (23 in.) Deep orange, inside of cup deep orange-scarlet with yellow center. Globular flower, sweet-scented. Doz., **$1.40; 100, $10.00.**
Second Size, Doz., **$1.10; 100, $7.50.**

(Illustrated in Color on Back Cover)

Pink and Rose

Dido (26 in.) Superb in form, poised erect on a straight stem, we know of no other tulip that has more fragrance and brilliant coloring than Dido. It is a deep, rich pink with salmon lights, suffused and slightly edged orange. Doz., **$1.90; 100, $14.00.**

Inglescombe Pink (24 in.) Warm pink tinged orange near edges of petals when it first opens. Age makes this tulip more beautiful, as after the first few days it changes to pure pink. Doz., **$1.65; 100, $12.00.**
Second Size, Doz., **$1.10; 100, $7.50.**

John Ruskin (24 in.) Large egg-shaped bloom of graceful form and habit. Flowers are salmon and rose with pale yellow margin; inside heliotrope with golden border and base. Really a masterpiece in color and shape. Doz., **$1.65; 100, $12.00.**
Second Size, Doz., **$1.10; 100, $7.50.**

MIXTURES

Cottage Tulips

Vaughan's Special

AN excellent collection of named varieties, giving a dazzling display in mass. Splendid for cutting. Doz., **$1.20; 100, $8.50.**
Second Size, Doz., **85c; 100, $6.00.**

Yellow

Gesneriana Lutea (20 in.) A very shapely bloom of the purest yellow; distinctly sweet-scented. One of the best yellow tulips in existence for color and perfume. Doz., **$1.40; 100, $10.00.**

Inglescombe Yellow (18 in.) A fine large, globe-shaped flower, color full rich yellow; sometimes called the Yellow Darwin. Doz., **$1.25; 100, $9.00.**
Second Size, Doz. **$1.00; 100 $6.75.**

(Illustrated in Color on Back Cover)

Marvel (25 in.) Amber-yellow, with rosy lilac flush at center of petals; inside bright yellow, shaded brown toward base with green star. Medium sized flower, becoming quite yellow with age. Doz., **$2.00; 100, $15.00.**

Moonlight (20 in.) Long, narrow flower of beautiful pale yellow. Opens two or three days sooner than most yellow Cottage tulips. Doz., **$2.25; 100, $16.00.**

White

Carrara (22 in.) This tulip has created a sensation at the various spring flower shows. It is round and pure white. The flower is very large. Doz., **$1.90; 100, $14.00.**

Tulip Fantasy

12 for $1.60; 100 for $12

Fantasy is the most beautiful of the parrot tulips. Originating as a sport of the famous Clara Butt, the famous true pink Darwin, it has the color of its parent, and the enormous 3½ inch fringed petals of the parrot type. A group of Fantasy tulips in your border will be a center of interest in the tulip season.

On left two rows of our American grown Louis XIV tulips, taller and larger than two rows of imported Dutch bulbs of the same variety, to right. Taken in 1940 trials.

Breeder

Breeder tulips blossom in May, and produce even larger blossoms than the Darwins. The colors include many rare among flowers—browns, bronzes, purples, blue-blacks, deep mauves, dull gold and dark lilac all exquisitely blended.

PLANTING. Plant the same as Darwins.

Bronze Queen (28 in.) Soft buff, inside tinged golden bronze, good forcer. Doz., **$1.25**; 100, **$9.00**.
Second Size, Doz., **$1.00**; 100, **$6.75**.
(Illustrated in Color on Back Cover)

Cardinal Manning (34 in.) Bishop's purple, flushed rosy bronze changing to an almost pure orange at the extreme edges of the petals, tinged yellow base. Large egg-shaped. Doz., **$2.00**; 100, **$15.00**.

Dillenburg (27 in.) A glorious salmon orange, shaded rose. The flowers are large and borne on strong, stiff stems. Highly recommended for exhibition purposes but should not be used for early forcing. Doz., **$1.90**; 100, **$14.00**.
Second Size, Doz., **$1.40**; 100, **$10.00**.

Hirschbrun (28 in.) Large flower, dull carmine-violet with brown merging into mahogany towards the edges, base very dark. Doz., **$2.50**; 100, **$18.00**.

Louis XIV (36 in.) Since it was introduced twenty years ago, this variety has been considered by many good judges to be the finest of all tulips. Others may match it in height, in size, or in rich coloring; but a rival which equals it in all these qualities is yet to appear. In the garden it is always magnificent, and as a cut flower its rich blend of purple and gold is truly royal. Offered by us in 1918 at $13.00 a dozen, increased production has brought its price down to a minimum, but its beauty remains unchanged and unrivaled. Doz., **$2.00**; 100, **$15.00**.

Lucifer (28 in.) An assembly of very capable judges of flowers pronounced this variety the most beautiful of the orange red tulips. Very late flowering, tall stem, and very brilliant color. Good form and excellent substance. Doz., **$2.50**; 100, **$18.00**.

Panorama (24 in.) (**Fairy**) Rich deep red of beautiful form, strong stem and good substance. Excellent cut flower. Doz., **$2.50**; 100, **$18.00**.

Prince of Orange (25 in.) Orange-scarlet, edged light yellow flower of striking beauty. Doz., **$1.90**; 100, **$14.00**.

Vaughan's Special MIXTURE

An excellent collection of this popular class of Tulips, including many rare colors. Doz., **$1.20**; 100, **$8.00**.

Single Early

TWO OR THREE weeks of brilliant color in April, following the daffodils and preceding the Darwin tulips, are supplied by the early tulips and among them can be found varieties as beautiful and with flowers as large as anything the May-flowering classes can produce.

Explanatory. The number following the name of the variety denotes the height in inches, while the (a's) flower together and are earliest; the (b's) flower together, but are somewhat late.

Yellow and Orange

General DeWet 10a. Beautiful deep orange, shaded golden yellow at the base of the petals. A very fragrant flower and one of the finest varieties in cultivation. There is no other orange variety which equals it in brilliancy. It is therefore one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Doz., **$2.00**; 100, **$15.00**.

Rising Sun 8a. The brilliance of its namesake is seen in the golden beauty of this magnificent tulip. Large, of good form, and sturdy growth, it is an ideal tulip for bedding and border. Doz., **$1.65**; 100, **$12.00**.

Yellow Prince 8a. Golden yellow, fine forcer. Doz., **$1.65**; 100, **$12.00**.

Single Scarlet and Crimson

Artus 7b. A splendid deep scarlet. Doz., **$1.50**; 100, **$11.00**.

Fred Moore 10b. Beautiful, large orange scarlet flowers with lighter edge. Doz., **1.65**; 100, **$12.00**.

Prince of Austria 8a. Orange-vermilion. Doz., **$1.65**; 100, **$12.00**.

Pink and Rose

Diadem 9a. A very beautiful, large flowered pearly pink tulip, with the interior slightly darker rose pink. This variety is outstanding because of its extreme earliness and tall, strong stem. Doz., **$1.65**; 100, **12.00**.

Pink Beauty 12b. Bright rose-pink shading to blush-white. Doz., **$2.50**; 100, **$18.00**.

Proserpine 8a. The best dark pink early tulip. All others fade into oblivion when Proserpine opens her dark glossy blooms. Truly a magnificent variety. Doz., **$2.25**; 100, **$16.00**.

Rose Gris de Lin 7b. Delicate rose, flushed white. Per doz., **$1.65**; 100, **$12.00**.

TULIP KEIZERSKROON

Striped and Purple

Duc de Berlin 6a. Clear scarlet, edged yellow. Doz., **$1.65**; 100, **$12.00**.

Keizerskroon 10b. This variety has been familiar from childhood. It is one of the oldest, as it is, assuredly, one of the best of early Dutch varieties. The huge flower is bright red, nearly scarlet, edged with yellow; it is self-confident, the margin is broad and clearly defined, the flower is seen and recognized from afar. It remains a distinctive flower, a great bedding tulip, and one quite good for forcing. It is a strong, healthy grower, and a bed of it will bring into the early spring garden some of the color and joy for which we have longed for so many months. Doz., **$1.90**; 100, **$14.00**.

Van Der Neer 7b. Large, brilliant violet purple. Excellent form and striking color. Doz., **$2.50**; 100, **$18.00**.

Single White

White Swan 15b Tall, large flowered, one of best white tulips. Doz., **$1.50**; 100, **$11.00**.

Vaughan's Special MIXTURE Single Early Tulips

All the colors are included in this mixture, growing to approximately the same height, producing the correct effect in beds. Doz., **$1.40**; 100, **$10.00**.

Hyacinths

For garden planting, it is not necessary to use the largest forcing sizes. Bulbs of third and bedding sizes will do well. Take especial care to plant them in well drained soil, and if there is any doubt, elevate the bed a few inches to keep them above water. Plant bulbs six inches deep, and after the ground has frozen a light mulch to keep the frost in, will benefit.

Red and Rose

Gertrude—Rose-Pink, one of the best pot varieties.
La Victoire—Brilliant red.
Marconi—Bright pink, very good.
Queen of Pinks—Rose-pink, choice.
Lady Derby—Light pink.

White

L'Innocence—Pure white, best for growing in pots indoors.

Yellow

City of Haarlem—Golden yellow.

Blue

Myosotis—Dark Blue, darker than Grand Maitre, lighter than King of Blues.
Grand Maitre—Dark porcelain blue.
King of Blues—Very dark blue.
Mauve Queen—Very light blue.

	Each	Doz.	100
First size, 18-19 ctms.	$0.45	$4.50	$30.00
Second size, 17-18 ctms.	.35	3.50	25.00
Third size, 16-17 ctms.	.30	3.00	22.50
Bedding size, 15-16 ctms.	.25	2.50	18.00

Dutch Roman or Miniature Hyacinths

These are small bulbs of the varieties listed in the first column on this page, and they are excellent for growing by amateurs in pots, pans, bowls or window boxes. They give flower spikes much larger than would be expected from their size, which is from 13 to 14 centimeters in circumference. Your selection of named varieties, chosen from above list. Each, 15c; doz., $1.50; 100, $11.00.

Plant Daffodils This Fall

All Our Bulbs Are American Grown, No Price Advance

NARCISSI NATURALIZED IN THE WOODLAND

WITH WAR in Europe curtailing the supply of all imported bulbs, this fall we offer exceptional opportunities to enrich your garden with daffodils, first major flowers of spring.

The extensive daffodil production which has been built up in this country during the last fourteen years provides a plentiful supply of first quality bulbs, including most of the finest new varieties.

We offer a complete list of standard varieties, and novelties, all grown in the Pacific Northwest, where experience has proved the highest quality bulbs are produced.

DAFFODILS are the first of the major garden flowers to blossom in the spring. This makes them doubly precious, as heralds of a season of joy, after the long winter.

Culture of the Daffodil

The daffodil tribe likes a cool root run and its flowers are at their best in the cooler days of spring. Therefore it is essential to dig the soil deeply and provide humus. Like the tulip, the daffodil will not thrive if there is fresh manure in the soil. It likes a moist soil but it must have excellent drainage.

Where to Plant Them

Daffodils are particularly fine subjects to plant under the edge of bushes or among perennials in the hardy border as they seem to like to nestle among the roots of their neighbors. A clump of golden trumpets peeping from beneath the overhanging branches of Spiraea Van Houttei or nestling in a sheltered angle of a building are one of the gladsome sights of early spring.

A few bulbs can be tucked into odd corners all about the garden and they will repay mightily when the first sunny days of spring bring their sturdy shoots breaking through the earth.

Daffodils and narcissus need not be moved for several years if they are flourishing, in fact not until the clump becomes so large that it is evident it needs to be divided and they should be replanted at once.

12 Daffodils for Naturalizing, 90c

12 Bulbs, 90c; 100 Bulbs $6.00; 1,000 Bulbs, $55.00, Prepaid.

DAFFODILS are the first major flowers to bloom in the spring. By nature they are informal flowers, and look best when grown in drifts, in the shrubbery or under trees. They like to nestle among the roots of shrubs, and as they bloom before the leaves develop, they thrive in places which later in the season are well shaded. Our naturalizing mixture is an exceptional value, containing many of the best named Trumpet, Leedsii, Star and Poeticus varieties. Plant them and do not disturb until they crowd; the bulbs may then be lifted and replanted over a much larger area. A purchase of bulbs is an investment which will pay in bloom for a lifetime.

SPECIAL-packaged Daffodil selection with cultural directions, 25 bulbs for $1.50.

Trumpet

Aerolite A golden giant with flowers beautifully proportioned, perianth deep primrose, with a pure medium yellow trumpet left in bold relief by outer petals, an inch and a half wide; medium early, but one of the longest lasting of all daffodils either in the garden or after being cut. Each, 20c; doz., $1.75; 100, $11.25.

★Emperor A magnificent sort. The entire flower is a rich yellow trumpet of immense size and petals so broad that they overlap. Each, 15c; doz., $1.25; 100, $8.00.

★King Alfred "The King of Yellow Daffodils." Tall, vigorous, golden yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionately large and segments gracefully twisted. Height, 24 inches. Double Nose Bulbs. Each, 20c; doz., $1.85; 100, $12.00. First size Bulbs, Each, 15c; doz., $1.40; 100, $9.25.

Lovenest The trumpet of saffron yellow turning apricot pink, giving a distinct pink tone to the flower, making a beautiful color blend entirely new to the daffodil race. This variety is one of the daintiest of all trumpets, medium in height. Very early. Each, 65c; doz., $6.50.

Mrs. R. O. Backhouse This is the famous "pink daffodil"; fine informal perianth of ivory white, and beautifully proportioned, slim long trumpet of apricot pink, changing to shell pink at the deeply fringed edge; delicately beautiful but of exceptional substance; long lasting; early. Full sun bleaches out color. Each, $1.25; Doz., $13.00.

La Vestale Giant trumpet type with pure ivory-white perianth, of informal design, with trumpet of deep cream-yellow, tall, fine for small groups or naturalizing in dim shade; though of delicate appearance, it is of good substance and lasts well; early. Each 30c; doz., $2.75; 100, $18.00.

WARWICK (Trumpet)

BERNARDINO (Incomparabilis)

Olympia A giant flower rivaling Van Waverens giant in size; sulphur-yellow perianth, handsome yellow frilled trumpet. Each, 15c; doz., $1.50; 100, $10.00.

★Spring Glory A very early showy bicolor daffodil with large white perianth, broad and spreading, trumpet large and handsome, bright yellow with open frilled mouth. Each, 15c; doz., $1.25; 100, $8.00. (Illustrated on Inside Front Cover.)

★Tresserve A flower very large with slightly campanulate canary-yellow perianth and a very bold rich yellow trumpet with wide expanded brim deeply flanged and measuring 2¼ inches across. Height, 17 in.; a fine exhibition variety. Each, 15c; doz., $1.35; 100, $8.75. (Illustrated on Inside Front Cover.)

★Van Waveren's Giant A giant trumpet daffodil; flowers of immense size, perianth primrose and of rather campanulate form, trumpet bright yellow with very large open mouth, flanged at brim. Ht., 18 in. Fine for bedding or for making bold clumps in the flower border. Each, 25c; doz., $2.30; 100, $14.00.

★Warwick Another of the striking King Alfred seedlings outstanding in every way and very early; refined stem and neck bearing a star-shaped perianth of great substance; golden yellow, with trumpet a shade deeper in color. Each, 20c; doz., $1.85; 100, $12.00.

Daffodils or Narcissi

DIANA KASNER (Barrii)

Barrii

Thanks to the brilliant contrast effects due to color in the cup, the Barrii type is contributing many improved varieties to the daffodil list and it is here that further progress may be expected. The flowers have a character and grace which make them charming either for cutting or garden display.

Conspicuus A flower of exquisite beauty, unexcelled for cutting; large, broad-spreading perianth; broad, short cup, conspicuously edged bright orange-scarlet. Lasts long in water. Each, 10c; doz., $1.00; 100, $6.50.

★Diana Kasner A pure white perianth and a large fluted yellow cup with blood-red frill, very free-flowering and an excellent forcer. We consider this variety as one of the most valuable introductions and cannot recommend it too highly for show purposes. Each, 15c; doz., $1.30; 100, $8.50. **(Illustrated on Inside Front Cover.)**

Early Surprise A little beauty; semi-dwarf habit of growth; pure white perianth with orange colored cup, fine for naturalizing and the earliest for forcing of this type. Each, 10c; doz., $1.00; 100, $7.00.

★Firetail Deservedly popular the world over; broad petalled creamy-white perianth and large orange cup with scarlet-orange frill. Each, 30c; doz., $2.55; 100, $17.00.

Freifrau Von Friessen A beautiful flower with white perianth and plenty of red in the cup. A fine garden variety of great substance. Each, 20c; doz., $1.85; 100, $12.00.

★Lady Moore Pure white perianth; yellow cup with orange frill; substantial flower remaining in good condition even where many other varieties "burn"; late, but an excellent forcer. Each, 15c; doz., $1.35; 100, $9.00.

Mrs. Barclay Large flower with flat, reflexed, broad petaled overlapping perianth of pale primrose, changing to pure white; deeply frilled flat cup of primrose-yellow, with dainty orange picotee. Each, 25c; doz., $2.05; 100, $13.00.

Mrs. Walter Brewster Fine, reflexed perianth of pure white; flat cup, lemon yellow, edged with oxblood-red. Each, 20c; doz., $1.75; 100, $11.25.

Sunrise Pure star-shaped white perianth, with distinct golden rays extending up each petal from the base of the cup; small cup of clear yellow-orange. Each, 15c; doz., $1.30; 100, $8.50.

Red Beacon A lovely flower which immediately attracts one by its brilliantly colored cup; the perianth is ivory-white, broad and of great substance, slightly shaded sulphur at base, cup prettily fluted and of the most intense fiery orange-red, shading down to golden-orange; ht., 15 in. Each, 20c; doz., $1.75; 100, $11.25.

Seagull Large broad petaled perianth, slightly reflexed pure white, giving an effect suggestive of the name as the flowers seem to float above the foliage; cup light yellow, with red picotee edge; free-flowering; extremely tall; late, fine for naturalizing. Each, 10c; doz., $1.00; 100, $6.50.

Incomparabilis

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers. Forced for winter flowers, they are splendid.

★Bernardino Perianth creamy white, cup yellow edged orange, very free-flowering. Each, 15c; doz., $1.15; 100, $7.50.

★Croesus Universally popular both for the garden and for exhibition; light canary-yellow perianth of perfect form, with outer petals nearly touching, the inner ones over-lapping, opening flat; broad fluted cup of rich orange to base; substantial, free-flowering. Each, 15c; doz., $1.30; 100, $8.50. **(Illustrated on Inside Front Cover.)**

★John Evelyn Deservedly an international favorite; outstanding among the new Incomparabilis hybrids; flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without trace of shading, and the cup lemon yellow and fluted or shirred to the base. Each, 25c; doz., $2.30; 100, $13.00.

★Sir Watkin A well-known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large, rich, golden trumpet. Each, 15c; doz., $1.10; 100, $7.25.

Will Scarlet Medium-sized flower of informal habit; reflexed perianth, petals often slightly curled; good cup of yellow ochre with flaming orange-scarlet edge; fine for the rock garden. Each, 15c; doz., $1.40; 100, $9.25.

★Yellow Poppy Well-formed flowers with overlapping primrose-yellow perianth and expanded shallow cup, bright yellow, edged orange, height 20 inches. Excellent. Each, 15c; doz., $1.25; 100, $8.25.

SILVER STAR (Leedsii)

Leedsii

Have white perianths with white or sulphur trumpets. Most beautiful class for cutting.

★Evangeline A tall dancing daffodil with reflexed, star-shaped, white perianth and lemon yellow cup; fine for naturalizing. Each, 15c; doz., $1.35; 100, $8.75.

Hera Broad-petalled creamy white perianth, star-shaped and deeply frilled cup of creamy white with a dainty edging of light primrose. Each, 15c; doz., $1.25; 100, $8.25.

Lord Kitchener Broad, flat, pure white perianth, very pale primrose crown. Each, 15c; doz., $1.40; 100, $9.25.

Queen of The North Strong flower with broad white perianth, lemon cup prettily fluted. Each, 15c; doz., $1.30; 100, $8.50.

★Silver Star Perfect broad-petalled star-shaped perianth of pure cream-white, with finely proportioned, wide mouthed trumpet of primrose, changing to cream white, just a shade deeper than the perianth; extra fine, and very free-flowering. Each, 20c; doz., $1.75; 100, $11.50. **(Illustrated on Inside Front Cover.)**

ALBA PLENA ADORATA (Double)

Jonquils

Jonquils are graceful, sweet-scented flowers which thrive well in a moist, shady position in borders. Flowers are arranged on the stem in a cluster.

Jonquilla Simplex The true single sweet jonquil, of light elegant growth, bearing out of doors in May clusters of numerous small rich yellow flowers of delicious scent. Each, 10c; doz., 95c; 100, $6.00.

Jonquilla Flore-Pleno The old double sweet jonquil, produces in May little heads of rich yellow double flowers, very fragrant and attractive for cutting. Each 15c; doz., $1.25; 100, $8.00.

Golden Sceptre A medium-sized perfectly built flower of deep Jonquil-yellow, 3 inches or more in diameter. The whole flower, as with the others in this class, is of the greatest substance, keeping in perfect condition exceptionally long both in the garden and when cut. Each, 15c; doz., $1.25; 100, $8.00. **(Illustrated on Inside Front Cover.)**

Double Varieties

Alba Plena Odorata The well-known double white, scented form of Poeticus; sometimes called the gardenia-flowered Narcissus. Late-flowering, and will not force. Each, 10c; doz., $1.00; 100, $7.00.

★Argent Nicely built flower of white and canary yellow; attractively formed, resembling a carnation, a cross between Von Sion and Poeticus Ornatus. Each, 15c; doz., $1.25; 100, $8.50.

★Indian Chief Very large and very double, bright yellow interspersed with orange; the petals curled and twisted. Each, 20c; doz., $1.75; 100, $11.25.

The Pearl Creamy white, interspersed with sulphur yellow, deeper at center; charming. Each, 15c; doz., $1.30; 100, $8.50.

★Twink It is double, of the semi-full type, the petals alternating a soft primrose and clear orange, and so arranged as to give the flower a most attractive appearance, and making it a most adaptable flower for large scale decorative work; is very free-flowering and hardy. It is a splendid show flower. Each, 20c; doz., $1.75; 100, $11.25. **(Illustrated on Inside Front Cover.)**

Von Sion Pure golden yellow, full double. Good forcing variety. Each, 15c; doz., $1.15; 100, $7.50.

Poetaz

Crossing of Poeticus and Polyanthus varieties produced this perfectly hardy strain of bunch-flowering Narcissus. Do well planted in pots for winter flowers.

Cheerfulness The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower. Each, 15c; doz., $1.40; 100, $9.25.

★Laurens Koster Perianth white, cup light orange-yellow. Each, 15c; doz., $1.25; 100, $8.25.

POETICUS

DAFFODILS—Continued

Poeticus

The pure white perianth and all-red or picoteed cup, and delicious perfume, peculiar to itself, makes this one of the most popular of all Narcissi.

Of all the hardy types this is probably the one most likely to thrive and multiply in the garden. Bulbs should not be lifted for several years, until they appear to be crowding, then they may be lifted, divided and replanted over a much larger area. Avoid poorly drained places.

Glory of Lisse Snow white, well imbricated perianth bright red margined eye. Each, **10c**; doz., **85c**; 100, **$6.00.** **(Illustrated on Inside Front Cover.)**

Horace Large star shaped perianth, gleaming white broad petals with flat eye, yellow edged red. Each, **15c**; doz., **$1.10**; 100, **$7.25.**

★Ornatus Maximus A much improved form of the ordinary Poeticus, producing larger flowers and appearing two weeks earlier. Each, **10c**; doz., **1.00**; 100, **$7.00.**

Poeticus (Common Pheasant's Eye) The Narcissus for garden planting; pure white with scarlet-edged cup or eye. Fine for naturalizing, being hardy and increases readily in numbers; late. Each, **10c**, doz. **$1.00**; 100, **$7.00.**

Miniature Daffodils

The following are charming little subjects for rock work, where their dainty flowers are seen to perfection. They should be left undisturbed for years, and if happy will soon establish themselves and afford a lovely picture in early spring. All the Bulbocodium like moisture, and should therefore be planted at the foot of the rockery. When coming into bloom give water freely. Triandrus albus (Angel's Tears) delight in partial shade, gritty soil, and well-drained position.

Bulbocodium Conspicuus Yellow Hoop Petticoat, flowers rich golden-yellow and rush-like foliage, height 6 inches. Each, **10c**; doz., **$1.00**; 100, **$7.00.**

Pearly Queen Triandrus hybrid, 2 or 3 flowers to a stem; star-shaped cream-white perianth, with clear lemon-yellow short trumpet; distinct pearly sheen provides the name; drooping habit; free flowering and a strong grower. Each, **20c**; doz., **$1.85**; 100, **$12.00.**

Triandrus Agnes Harvey A beautiful chalice-cupped hybrid, perianth snow-white, cup pure white sometimes flushed a soft apricot, one to three blooms on a stem, slightly drooping, height 13 inches. Each, **30c**; doz., **$2.75**; 100, **$20.00.**

Cyclamineus Hybrids

Cyclamineus blood like that of Triandrus, imparts a distinct form to its hybrids, which have perianths reflexed as in a cyclamen.

February Gold Perianth golden yellow, trumpet fringed orange; very early. Each, **30c**; doz., **$2.75**; 100, **$20.00.**

Hardy Bulbous Iris You Can Grow in the Garden

ADMIRERS of the iris will find this group to be valuable additions to their collections. Flowering in late June and early July, they follow the bearded and Siberian irises, prolonging the display and producing flowers of a distinct type and quality of coloring. The colors are clear and brilliant, and the petals are delicate, but of excellent substance. They make quality cut flowers, lasting fully a week in water.

The Dutch iris have displaced the Spanish iris, from which they were developed. Both they and the English iris are successfully grown in localities which have sub-zero temperatures in the winter. In the cold winter states they should have the protection of a heavy mulch, applied after the ground has frozen and should be planted in a location where spring growth is not unduly stimulated, so they will not get a premature start, and suffer injury from belated frosts.

DUTCH IRIS

Bulbs should be dug each year after foliage has turned brown. They should be cured quickly in a dry location, and only the largest bulbs should be replanted for flowering. The smaller bulbs can be grown in a nursery row until they reach flowering size. The increase is rapid and bulbs which are not lifted will crowd and stop flowering.

ENGLISH IRIS

These magnificent bulbous Irises thrive in any ordinary garden soil but prefer a good loam. The earlier the planting, after beginning of September, the greater the success; the bulbs should be planted 4 inches deep. The varieties we have especially selected as being the very finest and most distinct in cultivation, and they will be found as strikingly beautiful in color as many of the sumptuous orchids. They flower from end of June to beginning of July thus succeeding the Bearded Flag Irises, Early Xiphium and Spanish Irises. As cut flowers they take a first place.

KING OF THE BLUES. Dark blue.

LAMARTINE. White, carmine rosy flakes.

LUCINDA. Porcelain blue, blue flakes.

PRINCE ALBERT. Delicate silvery blue.

PRINCESS IRENE. Very large snow white.

PROCERPINE. Deep ruby, dark flakes.

QUEEN OF THE BLUES. Light blue.

THE GIANT. Rich deep blue.
Each, **15c**; doz., **$1.30**; 100, **$8.75.**

Mixed Colors: Each, **10c**; doz., **95c**; 100, **$6.25.**

IRIS TINGITANA WEDGEWOOD

For indoor use and protected plantings. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. The small cultivator will do better to plant his bulbs, six or eight according to size, in a seven- or eight-inch pot, rather than in ordinary shallow boxes. Not only are bulbous irises deep rooting but they are very sensitive to root injury. If after boxing, they are stood on the ground or on ash-covered beds and root through at the bottom, it is hundred to one that half of them will come blind if the boxes are disturbed. In deep pots the roots are less likely to root through at the bottom, and treated rightly in other ways, they will flower 100 per cent. They must be kept cool, 45 degrees or so, until the buds are out of the neck. A great cut flower. Light blue in color. 8-9 ctms. for outdoor planting. Doz., **50c**; 100, **$3.00**; 1000, **$25.00.** 10 ctms. up for indoor growing, doz., **$1.25**; 100, **$7.50**; 1000, **$70.00.**

DUTCH IRIS

They resemble the Spanish Iris, but their habit of growth is more vigorous, and the flowers larger. Buds open at least two weeks before the Spanish Iris, and immediately after the last of the May flowering tulips are gone. Through untiring years of hybridization, they not only surpass the Spanish Iris in size and sturdiness of growth, but also in brilliancy of color.

ADRIAN BACKER. A beautiful, large flowering novelty of uniform lilac purple.

A. BLOEMAARD. Standards dark purplish blue, falls lighter blue, very large flower, early.

CELESTIAL. Late Blue.

D. HARING. Flower large, standards white, tinged lavender. Falls creamy white, with conspicuous golden blotch. Very beautiful. Height, 30 inches. Received Award of Merit, Royal Horticultural Society, 1923.

EARLY SNOW. Tall early white.

FILIFOLIA IMPERATOR. One of the most popular florist's varieties. The flowers are large, dark blue, brilliant orange blotch. Very showy, strong grower, highly recommended. Mulch well the first year. Height 27 inches.

J. W. DE WILDE. Rich golden yellow; handsome. Height, 26 inches.

LEONARDO DA VINCI. Lemon yellow standards, yellow falls with rich golden blotch. Beautiful. Height, 25 inches.

POGGENBEECK. Brilliant dark blue.

WHITE EXCELSIOR. Large beautiful flowers of pure white.

YELLOW QUEEN. Uniform pure yellow. Excellent variety.

Any of the above varieties: Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Mixed. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

IRIS RETICULATA

Fragrant Iris—Hardy with Protection

RETICULATA. This lovely species is one of the treasures of the garden or rock garden. It can best be described as a small form of the Spanish or Dutch Iris. Its main value lies in the fact that it may be forced into bloom in the house with the greatest ease. Six or eight bulbs put into a 4 or 5-inch pot when received will bloom about Christmas time. The fragrant blossoms remind one of a bunch of fresh violets. Perfectly hardy with reasonable protection. It is one of the loveliest early flowering bulbs for the rockery. To show it off well, plant a number of bulbs under the white Arabis Alpina; you'll enjoy the results more than we can tell you. Each, **20c**; doz., **$1.75**; 100, **$11.25.**

Miscellaneous Bulbs

MUSCARI

ALLIUM

Perfectly hardy, easily grown, and well adapted to rock gardens or to plant with other small bulbs.

Cernuum True, The Nodding Onion. Has a rhizome-like root and quickly makes colonies with many 6 to 10 in. flowering stems and nodding clusters of little bell-like very soft pink flowers. Likes light shade and moisture. Doz., **$1.75**; 100, **$12.00.**

ANEMONE (Windflower)

They succeed best in light, rich, well-drained loam. Plant in early October, cover with leaves, straw or long manure. Plant very shallow.

His Excellency. Large, bright red, semi-double, showing a black center and suggesting a red poppy. Doz., **75c**; 100, **$5.00**; 1000, **$45.00.**

Blue Poppy. Large single poppy-like flowers in varying shades of blue. Doz., **75c**; 100, **$5.00**; 1000, **$45.00.**

De Caen. A real selected strain. This mixture contains many fine shades of blue, white and reds. **Mixed.** Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

St. Brigid. Flowers range from the deepest crimson to the purest white, embracing cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

BRODIAEAS

Coccinea. The Floral Firecracker, has stems rising to 2 feet, while the flowers are a vivid crimson tipped with pea-green. They prefer a loose soil, and preferably gritty. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

Capitata. California Hyacinths. The stem is slender, capped with a head of violet-blue flowers. They revel in hot, dry places among rocks or in grit, and flower very early. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Ixioides Splendens is popularly known as **Golden Star.** The finest yellow. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

CALOCHORTUS

True Mariposa, or Butterfly Tulips

Cup-shaped flowers, one to many on a stem, marked with eyes and dots and pencilings in rich colors.

El Dorado. From 1 to 2 feet high, flowers vary through white, lilac to purple and pink to deep claret-red. They thrive best in porous soil, sandy or gritty, either in sun or light shade. Flowers are 2 to 4 inches in diameter.

Venustus Citrinus. A most satisfactory hardy species with deep rich yellow flowers, black eye. Either of above: Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

CAMASSIA

Camassias go four inches underground, about five inches apart. The flowers are starlike, borne on long spikes, the colors being lavender, purple or white.

Leichtlini. Comes in deep blue and white. Either color, each, **10c**; doz., **$1.00**; 100, **$7.00.**

Esculenta. Light blue flowers borne gracefully erect. Height, 18 inches to 2 feet. Each, **10c**; doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

GRAPE HYACINTHS (Muscari)

Muscaris, or Grape Hyacinths, are a race of spring-flowering bulbous plants which thrive in American gardens. They are not showy when only a few are seen together, but a drift of them presents a picture of beauty, especially if planted with late tulips, for which purpose they are well adapted. The species also look charming in clumps in the rock garden or border, and the Feather Hyacinth (M. plumosum), in particular, may be employed, with great gain, in pots in the cold greenhouse. In fact, pot culture gives this Grape Hyacinth such delicate and uncommon coloring, that it might well be grown anywhere under glass. All are very accommodating in their requirements, but prefer a good loam with a little old manure dug into it, and, in the case of the Feather Hyacinth alluded to, a rather warmer position. The bulbs should be planted during autumn at a depth of about three inches and about two inches apart.

Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

Pure White. This is a beautiful companion to the above, and they make a striking show when planted together. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Heavenly Blue. The best blue. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

PLUMOSUM. Bearing in May handsome feathery plumes of violet colored flowers, very attractive. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

FRITILLARIA

RECURVA (Mission Bells). A beautiful woodland plant from Southern California. 1½ to 2 feet, and producing dainty orange scarlet flowers. They prefer partial shade and a loose soil.
Each, **20c**; doz., **$1.60**; 100, **$11.00.**

ERYTHRONIUM HENDERSONII

DOG TOOTH VIOLETS (Erythroniums)

If they had no other beauty than that of their richly mottled leaves, they would be well worth a place in the shady corner. Their flowers are 3 inches across, with stems 6 to 18 inches high. The colors run in delicate tints of white, pink, cream, bright yellow and rose. They are hardy in the coldest States, and while they are at their best in a loose, gritty soil, rich in leaf mold, they also thrive in woodlands, in shaded corners, or in the crevices of rockwork in shade.

Americanum. It produces in April, small, lily-like flowers, which vary through white, pink, bright yellow, rose, and cream. Bulbs should be planted about 5 inches deep. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Californicum has large cream-colored flowers. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Citrinum is rather more erect in habit, with flowers almost pure white with strongly contrasting deep citron. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Grandiflorum Robustum is a superb species with flowers of the brightest buttercup yellow, leaves plain green. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Hartweggii is as pretty as Californicum, with more yellow in the flower, and each flower on a separate stalk. Very early and stands much heat. Good for pots. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Hendersonii. Like Californicum, but the flowers are a lovely light purple, with centers a deep maroon. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Mixed. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

SPRING SNOWFLAKES

SPRING SNOWFLAKE (Leucojum Vernum)

A favorite little early spring flower having drooping, bell-shaped flowers, white, with small brown tips. Once planted in a favorable environment, they come up every spring, bearing more flowers each time. Excellent for rock gardens and naturalizing.
Doz., **85c**; 100, **$6.00**; 1,000, **$55.00.**

ORNITHOGALUM

Umbellatum. This is the small white hardy variety that is seen in great profusion and around many of the old gardens. It propagates readily and adapts itself splendidly to naturalizing. It does well over a wide temperature range and blooms profusely each season with little or no care. Each, **10c**; doz. **$1.00**; 100, **$7.00.**

RANUNCULUS (Buttercup)

Plant in November for early spring bloom in frames. Set 3 or 4 inches apart, pressing firmly into the soil, claws downward, and cover them with sand, then with soil; keep the crown of the tubers four inches under the surface. Water them well.

Golden Glory. Bright yellow. Doz., **70c**; 100, **$4.50**; 1,000, **$40.00.**

Bonnie Lassie. Pinks. Doz., **70c**; 100, **$4.50**; 1,000, **$40.00.**

Sunset. Orange, terra cotta. Doz., **70c**; 100, **$4.50**; 1,000, **$40.00.**

Huntsman. Bright red. Doz., **70c**; 100, **$4.50**; 1,000, **$40.00.**

Victoria Hybrid Mixed. Far superior to any Ranunculus that we know. Flowers are double and large. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

SPARAXIS, Mixed

Graceful spikes 6 to 8 inches high; flowers of the brightest colors, tigered, streaked and flushed—a riot of color. Excellent for indoor winter flowering—about 12 bulbs to a 6-inch pot. Do not plant outdoors in cold sections. In cool localities, give winter protection. For southern gardens, especially in rockeries, Sparaxis are indispensable.
Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

SPIRAEA (Astilbe) Ready November

Beautiful, hardy garden subjects, attractive, not only for their gayly colored, feathery plumes, but also for their glaucous foliage. June and July flowering.

White Varieties. Each, **55c**; doz., **$5.50**; 100, **$40.00.**

Pink Varieties. Each **55c**; doz., **$5.50**; 100, **$40.00.**

SCILLAS (Squills)

As edgings and masses in beds and borders, Scillas are most valuable. They succeed in shady flower borders and bare shady places and odd corners.

SIBERICA (The Blue Squill). Bright blue, nothing more beautiful for edgings or pots in early Spring, flowering with the Snowdrop. Height, 4 inches. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

NUTANS Alba. Pure white companion to the blue, with long arching stem. Beautiful when naturalized in copses, shady walks, etc. Also prized for cutting. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

SCILLA PERUVIANA Clusi. The Cuban Lily, flowers deep blue in large spreading umbels. Blooms early summer on stems about 12 inches high. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

The Hardy Lilies

American Grown Lilies Surer to Succeed for you

Hardier, More Vigorous, and Resistant to Disease

WE are gratified this fall to be able to offer a complete list of lily bulbs grown in America, which experience has proved to possess so many advantages over imported bulbs.

First, they can be planted much earlier, and come to you without the weakening effect of a long ocean voyage. They are naturally more vigorous, and are already adapted to American climate and soil conditions; and they have been proved to be more resistant to diseases. We especially recommend the new mosaic-free varieties, and the American grown Lilium Auratum.

Because Japanese lily bulbs arrive in this country so late in the fall, and the special uncertainties prevailing about all imports at this time, we are omitting Japanese lilies from this list.

Should you desire Japanese bulbs and be able to plant as late as December, write us about mid-November and we will quote on your needs, if possible. Soil for planting these bulbs late may be kept free of frost by mulching heavily.

HOW TO GROW LILIES

LILIES are so beautiful, so fragrant, we are likely to think them too fine for the amateur to grow. But many are hardy, thrifty flowers, capable of surviving conditions which would overcome flowers much less beautiful. Grow them in the border in small groups, with background, where their beauty has a suitable setting for its display. They blossom, as a rule, in midsummer, when fine flowers are at a premium.

Outdoor Culture—When planting lilies out-of-doors, see that they have a well drained position, and where they will be shaded from very hot sun. Such places can usually be found around the shrub borders, and in the hardy plant border. Never mix manure in the soil around lilies, but enrich with a standard commercial plant food or with bone meal. Many varieties are termed "stemrooters," that is, they develop roots on the stem up to two or three inches from the ground. These roots are voracious feeders, and on them depend greatly the number and size of flowers. When they appear, the plant should receive a top-dressing of good rich soil on which they can feed freely. Spade over the ground thoroughly to a depth of 18 inches before planting lilies. Plant the bulbs 4 to 6 inches deep, depending on their size and the soil, deeper in light soil. Put some sand under and around the bulbs, and after covering protect with six or eight inches of leaves or other litter, which must be removed in late spring.

Indoor Culture—Lilies should be potted immediately upon receipt, if intended for growing in pots or for forcing. In potting use a compost of fibrous loam and sweet decomposed leaf soil, with plenty of coarse sand or a mixture of good peat, loam, and sand, adding to the compost a few pieces of charcoal. See that the pot is well drained. The bulb should be set about half-way down in the pot and barely covered with soil, thus leaving room to top-dress and fill the pot with more soil when stem-roots appear above the bulb. After potting, give a thorough watering and set outside in a cold frame or shady situation, then cover with ashes or long straw. After they have stood from three weeks to a month and thoroughly rooted, bring inside, in a temperature of about 66°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench in full light. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. **Thorough rooting is essential.**

Lilium Canadense

(Meadow Lily)—Ready October

The whole plant has a downward, graceful movement and looks like a slender, tiered green belfry ringing golden bells. The flowers are nodding, bell-shaped, with petals flaring out and turning back slightly. They are heavily dotted on the inside with purplish brown dots. Blooms the end of June to July. Should be planted five inches deep. It is an excellent lily for naturalizing. Height, 3 to 5 ft.

Canadense Mixed—Each, 20c; dozen, $1.75; 100, $12.00.

LILIUM AURATUM

LILIUM AURATUM—GOLD BANDED LILY

American Bulbs Grown from Seed-Now Ready

This lily, largest and most beautiful of all possible to our gardens, is available for the first time grown from seed in this country.

Bulbs will be ready to ship in September, and early planting is advisable. They are healthy, vigorous, and have roots intact, a most important point. Seed grown bulbs are more vigorous and there is less chance for disease.

Flowers are enormous, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. When grown in the open, prefers a position somewhat shaded for part of the day, well drained and prepared with loamy soil to a depth of 2 feet. Plant bulbs with their bases 7 inches from the surface. After flowering, but not until the leaves begin to yellow, the old flower-stems may be bent over at half their height. It is more satisfactory than cutting them off, as this treatment leaves a funnel-like stem to carry water into the heart of the plant and set up rotting.

5-6 inch—Each, **50c**; doz., **$5.00**. 6-7 inch—Each, **60c**; doz., **$6.00**. 7-8 inch—Each, **80c**; doz., **$8.00**. 8-9 inch—Each, **$1.00**; doz., **$10.00**.

Lilium Candidum

(The Madonna Lily) Now Ready

Legend is rich in praises and reference to the Madonna Lily. It is one of the oldest, loveliest, and best known lilies. A favorite of our grandmothers' gardens, its beauty and fragrance bring back days long past. The flowers, of which there are three to twenty on each stem, depending upon the size of bulb planted, are snow-white, with heavy yellow stamens, and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th. Orders should, therefore, be mailed on receipt of this Catalogue.

18-20 CENTIMETERS (7-8 inch circumference). Each, **25c**; dozen, **$2.50**; 100, **$18.00**.

20-22 CENTIMETERS (8-9 inch circumference). Each, **30c**; dozen, **$3.00**; 100, **$20.00**.

22-24 CENTIMETERS (9-9½ inch circumference). Each, **35c**; dozen, **$3.50**; 100, **$25.00**.

24-26 CENTIMETERS (9½-10½ inch circumference). Each, **40c**; dozen **$4.00**; 100, **$28.00**.

26 CENTIMETERS and over (10½-12 inch circumference). Each, **55c**; dozen, **$5.50**; 100, **$40.00**.

28 CENTIMETERS and up (12-inch circumference and up), Each, **70c**; dozen, **$7.00**; 100, **$50.00**.

Lilium Concolor—Ready October

A very pretty Chinese lily, especially adapted to use in rockeries. Flowers are upright, starlike in form, deep vermilion. Blooms in July, 6 to 18 inches high. Plant four inches deep. Perfectly hardy.
Each, 20c; dozen $2.00; 100 $15.00.

Lilium Longiflorum Giganteum

Easter Lily—Not Hardy—Ready October

This is the lily commonly grown for Easter blooming. The larger bulbs produce more blooms.

Small bulbs 7-9 inches in circumference. Each, 20c; dozen, $1.75; 100, $12.00.
Medium bulbs 8-10 inches in circumference. Each, 25c; dozen, $2.25; 100, $17.00.
Mammoth bulbs 9-10 inches in circumference. Each, 30c; dozen, $3.00. 100, $20.00.
Jumbo bulbs 10-11 in. in circumference. Each, 45c; doz., $4.50; 100, $35.00.
Extra Jumbo 11-13 in. Each, 60c; dozen, $6.00; 100, $45.00.

Lilium Pardalinum—Ready October

(Leopard or Panther Lily)—A late June flowering lily of rich scarlet and yellow, spotted rich brown from the Sierra Nevada Mountains of California. Ten to thirty flowers on a 5-6 foot stem.
Each, 25c; doz., $2.50; 100, $18.00.

Lilium Philadelphicum—Ready October

(Wild Red Lily)—The flowers are three to four inches in diameter, produced one to five on a stem, one to three feet high. The color is bright orange-red, tinged yellow in center and spotted deep purple, with red anthers. Blooms during June and early July.
Each, 20c; doz., $2.00; 100, $15.00.

Lilium Phillipinense Formosanum—Late October

A refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 2-3 feet, are very robust and offer great resistance to wind and weather. It is hardy, very fragrant and one of the loveliest of the new varieties.
Each, 25c; doz., $2.50; 100, $18.00.

Lilium Regale—Ready October

(Illustrated on Page 31.)

The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flowers are beautiful, possessing a delightful fragrance. The bulb, which should be given good, sharp drainage (as should all lilies), is perfectly hardy, usually presenting a dried, shriveled appearance.

First Size, 6-7 in. in circumference. Each, 15c; doz., $1.50; 100, $10.00.
Select Size, 7-8 in. in circumference. Each, 20c; doz., $2.00; 100, $15.00.
Mammoth Size, 8-9 in. in circumference. Each, 25c; doz., $2.50; 100, $18.00.
Jumbo Size, 9-10 in. in circumference. Each, 35c; doz., $3.50; 100, $22.50.
Extra Jumbo 10-11 in. Each, 50c; dozen, $5.00; 100, $35.00.

Lilium Speciosum Rubrum (Magnificum)

(The Lance-Leaved Lily)—Ready November

(Illustrated on Page 31.)

The typical form is white, flushed pink, and heavily spotted with carmine. The stem is about four feet high and has fresh, green, lance-shaped leaves, and the frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl way out. A very beautiful lily, perfectly hardy, very seldom diseased, and a late Aug. and early Sept. bloomer. Plant the bulbs eight to ten inches deep.

Our bulbs are treated with a special disinfectant which prevents decay.
First Size. (8-9), each, 20c; dozen, $2.00; 100, $15.00.
Mammoth Size (9-11), each, 30c; dozen, $3.00; 100, $20.00.
Jumbo Size (11-13), each 40c; dozen, $4.00; 100, $30.00.

Sunset Lily—Ready October

Because of its ease of culture, rapidity of increase and its extreme hardiness, the new Sunset Lily is certain to achieve widespread favor. Height 5-6 ft. with 10 or more flowers to the stalk. This lily is bright red in color, the central portion being a bright yellow with dark spots. Stems are straight and strong with no tendency to droop. Not particular as to soil, it will thrive in full sun or partial shade, and while it appreciates good drainage, a liberal amount of water during the growing season pays good dividends in larger blossoms and greater height. July flowering.
Large bulbs, each, 35c; doz., $3.50.

MOSAIC-FREE LILY BULBS

For those who have had trouble with mosaic disease, we are glad to offer, for the first time, a limited quantity of American-grown bulbs, free from mosaic. They should be planted in soil in which lilies have never been grown and at some distance from other lily plantings.

Ready October 15th

LILIUM CENTIFOLIUM

Centifolium. A giant among lilies, with long, trumpet-shaped white flowers, streaked outside with brown and flushed inside with yellow at the base of the trumpet.

Creelman Seedlings. Beautiful trumpet lilies grown from the seed of the famous George C. Creelman Hybrid. Flowers resemble Lilium Regale of truest type, with bronzy tones more pronounced and a more intensely yellow throat. Two weeks later than Regale, growing 6 feet tall in good environment, as many as 35 flowers on a stalk. One of the hardiest.

L. Regale Hybrid. Of unknown origin, found growing in a bed of Lilium Regale. Over six feet in height with tall pyramidal flower stalk. Flowers just after Regale and just ahead of Sulphur-gale.

Shelburne Hybrid. This lily is the result of a cross between L. Regale and the beautiful L. Sargentiae. A tall grower with very large trumpet.

Sulphur-gale Hybrids. These beautiful lilies were obtained by crossing L. Sulphureum with L. Regale. Larger and taller than Regale and flowering two weeks later.

Prices for any of the above:
5-6 inch—Each, 50c; doz., $5.00. 6-7 inch—Each, 60c; doz., $6.00.

Lilium Superbum—Ready October

(Illustrated on Page 31.)

(American Turk's Cap, Swamp Lily)—The most magnificent and showy of the native North American species, well worthy of extensive culture. This splendid lily produces from ten to forty flowers of brilliant orange-scarlet, shaded yellow and spotted purplish brown at the base, with red anthers, in late July and August. This lily requires an acid condition and should be planted at least 8 inches deep. Height, 3-8 feet. Each, 20c; dozen, $2.00; 100, $15.00.

Lilium Testaceum

(The Nankeen Lily, Excelsum, Isabellum)—Ready November

A cross of the Madonna lily with the scarlet turks-cap, Chalcedonicum. It grows as high as six feet. There are three to ten flowers, three to four inches across. They are nodding, with reflexed, waxy, glistening petals, rounded at the tips, and of a creamy peach color popularly known as Nankeen yellow. It blooms at the same time as the Madonna lily.
Large Size, Each, $1.25; Doz., $12.50.
Medium Size, Each, $1.00; Doz., $10.00.

Lilium Tigrinum Splendens—Ready October

(Tiger Lily)—(Illustrated on Page 31.)

Because it is so widely cultivated in this country this lily has come to be looked upon as native. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems.
Each, 20c; dozen, $2.00; 100, $15.00.

Lilium Umbellatum—Ready October

(Illustrated on Page 31.)

(Subspecies of Davuricum)

This group of lilies is of hybrid origin, and thrives in American gardens borders, multiplying and enduring. They are early flowering, blooming during the first part of June. Usually attaining the height of two to three feet, they carry four to six flowers of cup-shape.
Mixed. Each, 25c; doz., $2.50; 100, $18.00.

Lily of the Valley—Ready October

For Outdoor Planting—They do best in a shady place.
Fortin Variety—The finest of all. Very large foliage, tall stems and magnificent bells recommend it for decorative use. Doz. $1.50 per 100 $10.00.
Clumps. Each, 60c., three for $1.50; doz., $6.00.

Lilium Willmottiae—Ready October

A beautiful and rather rare lily from China. Well grown specimens often carry more than twenty brilliant orange-red flowers, three inches across. The entire plant has a slender, graceful appearance.
Each, 45c; doz., $4.50.

Lilium Tenuifolium—Ready October

(Illustrated on Page 31.)

The lovely Coral Lily of Siberia. A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. One ought to grow them by the dozen, they are so fine for cutting and making clumps for the lawn. Blooms very early. Each, 15c; dozen, $1.50; 100, $10.00.

Vaughan's Giant Amaryllis

AMARYLLIS

OF ALL bulbs which the amateur can grow successfully indoors, the Amaryllis is the largest, most beautiful, surest to flower and most easily handled. Our new hybrids, especially, are so gorgeous in size and coloring as to amaze those not familiar with them. From a single stem, spring from one to three lily-like flowers, six to eight inches in diameter.

Place only one bulb in each pot, covering it as far as the neck or upper narrow part. Water sparingly at first until the flower shoots begin to appear. Some growers keep them in the dark until the flower stems are four or five inches long, and then bring to light.

After flowering they should be placed in a warm window, or set outside in sand or cinders and watered every day (sometimes twice a day), until the end of August when water should be gradually withheld and the bulbs allowed to go to rest. In the fall they can be forced again as with new bulbs.

Vaughan's New Hybrids. One of the finest strains of amaryllis we have seen. Bulbs are two-inch and up in diameter. We can supply in separate colors in the following shades: Each, **65c**; doz., **$6.50**,

Dark Red	**Rose**
Light Red	**Red with Light Stripes**
Salmon	**Light Shades**

Mixed. Flowers are immense, in an amazing range of color blends, splashed and striped in a manner not seen in other strains.

	Each	Doz.	100
2½-3 in. Dia.	$0.45	$4.50	$30.00
3-3½ in. Dia.	.55	5.50	40.00
3½ in. and up Dia.	.65	6.50	50.00

JOHNSONII. Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

Forcing Daffodils

DAFFODILS are excellent subjects for indoor growing in bulb pans in soil or fibre. These require more skill in growing than do Paper White Narcissi. Success depends on the extent to which fine roots are developed before the pots are brought to the light. These roots develop best when the pots are about fifteen degrees above freezing. A pit in the garden which is protected from surface water, so it will not fill, is an excellent place to store the bulbs. The pots may be covered with leaves, straw, or even with ashes or sand; and brought in after eight weeks, when it is desired to begin forcing them. Figure on not less than five months before flowers are produced. After being brought into the house, a temperature of 60 degrees is sufficient until the formation of buds begins, and the best flowers will then be formed in a temperature of 68 degrees. All the light possible should be given after top growth begins. King Alfred is easiest to grow.

Emperor. The entire flower is a rich yellow trumpet of immense size and petals so broad that they overlap. Three of these bulbs planted in a 6-inch pot will make a splendid show. Each, **15c**; doz., **$1.25**; 100, **$8.00.**

King Alfred. "The King of Yellow Daffodils." Tall, vigorous, golden yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionately large and segments gracefully twisted. Each, **15c**; doz., **$1.40**; 100, **$9.25.**

Spring Glory. A very early showy bicolor daffodil with large white perianth, broad and spreading, trumpet large and handsome, bright yellow with open frilled mouth. Each, **15c**; doz., **$1.25**; 100, **$8.00. (Illustrated on Inside Front Cover.)**

Tresserve. A flower very large with slightly campanulate canary-yellow perianth and a very bold rich yellow trumpet with wide expanded brim deeply flanged and measuring 2¼ inches across. Each, **15c**; doz., **$1.35**; 100, **$8.75. (Illustrated on Inside Front Cover.)**

Cheerfulness. The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower. Each, **15c**; doz., **$1.40**; 100, **$9.25.**

Laurens Koster. Perianth white, cup light orange-yellow. Each, **15c**; doz., **$1.25**; 100, **$8.25.**

Twink. It is a double of the semi-full type, the petals alternating a soft primrose and clear orange, so arranged as to give the flower a most attractive appearance. Each, **25c**; doz., **$1.75**; 100, **$11.25. (Illustrated on Inside Front Cover.)**

DAFFODIL KING ALFRED

Lachenalias

Lachenalias are useful as pot plants because of their bright flowers and interesting foliage.

PENDULA SUPERBA. Bright red. Early firecracker like flowers one inch long on 6 to 9 inch stems; bloom in December and January. Three Bulbs for **60c**, doz., **$2.00**; 100, **$15.00.**

FREESIAS Forced in Flower Pot

Giant Freesias

These fragrant flowers are easily forced in pots, pans or window boxes; and they make delightful decorations on the table or in the sunparlor. They should be potted in September and stood outside until the approach of frost, then taken inside to the conservatory or a sunny, airy window where they will flower freely from January onwards. Grow cool.

All Bulbs are Mammoth Size
⅝-¾ inch

APOTHEOSE. New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat, tall, stems Doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

ELDER'S GIANT WHITE. The finest white variety, beautiful pure white flowers double the size of Purity. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

KNIPE'S YELLOW, New Variety 1940. A yellow freesia of unusual sturdy growth, tall straight stems. Flowers large and wide open. Great lasting qualities. Very prolific producer with several laterals. Doz., **90c**; 100 **$7.00**; 1,000, **$65.00.**

KOKOMO, New Variety 1940. A very attractive lavender blue. Large open flowers and good long stems. A strong grower with plenty of laterals. We believe the finest lavender to be put on the market. Doz., **90c**; 100 **$7.00**; 1,000 **$65.00.**

WHITE CHIEF. A new Giant White, stems average 18 to 20 inches long. Single flowers 2½ inches long; early bloomer. Doz., **40c**; 100, **$2.50**; 1,000, **$20.00.**

MRS. MARC PETERS. Very attractive deep rosy salmon, blotched orange with yellow. Doz., **55c**; 100, **$3.50**; 1,000, **$30.00.**

MARIE LOUISE VIOLET. The flower is large of a deep blue violet color, sometimes with a little touch of pink in it, which makes it very attractive. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

RED RIDING HOOD. A new color; blood red, yellow throat with lines of red. Under average greenhouse conditions it will grow to 33 inches. The growth is upright, stems rigid and each bulb produces from 3 to 4 laterals. Doz., **$1.00**; 100, **$7.50**; 1,000, **$70.00.**

SUNSET. Something new in color, flame orange reminding you of the glorious sunsets in California. Doz., **55c**; 100, **$3.50**; 1,000, **$30.00.**

RUTH CHATTERTON. The color is distinctly new, tyrian rose shading to tyrian pink; shot with delicate streaks of cadmium yellow becoming solid yellow down into the perianth. The flowers and sprays are gigantic, delicately perfumed and supported by long, heavy stems with two and three long laterals. Doz., **95c**; 100, **$6.00**; 1,000, **$55.00.**

Leucocoryne

(Glory of the Sun)

Flowers exquisite light blue on tall, wiry stems and of very long-lasting quality with faint heliotrope fragrance. For indoor culture except in warm states. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

A Winter Window Garden

18 Bulbs Including Six Different Subjects With Vaughan's Prepared Bulb Fibre. Prepaid 300 Miles $1.75

INCLUDED IN THIS OFFER

3 **Narcissus King Alfred.**
3 **Mammoth Paper White Narcissus bulbs,** 14 ctms.
3 **Yellow Paper Whites** (Grand Soleil D'Or) mammoth bulbs.
2 **Chinese Sacred Lilies,** mammoth bulbs.
6 **Giant Freesias,** "White Chief."
1 **Calla Lily bulb,** first size.
2 **Pounds of Vaughan's Prepared Bulb Fibre.**

Most of you know how easy it is to force into flower the beautiful, fragrant, Paper White Narcissi, in bowls of water. By using Vaughan's prepared bulb fibre in place of pebbles, the variety of bulbs that can be forced is widely increased.

METHOD OF FORCING BULBS IN FIBRE. Moisten Vaughan's Prepared Bulb Fibre to saturation, fill the bowl with wet fibre, and plant the bulbs allowing their necks to emerge from the fibre, but without pressing the fibre too firmly around them. Place the bowl in a cool, airy place where the light is dim or dark, and preferably the temperature does not rise above 55 degrees. Keep the fibre moist, since if it dries out the flower buds may go blind. But water sparingly until good roots have formed. When strong top growth has been made in the dark, take the bowl to a sunny window, where it will have fresh air, all the sunlight possible especially in the morning, and preferably a temperature not less than 55 nor more than 70 degrees.

Complete Directions for Planting and Forcing All These Subjects Are Included.

LILY OF THE VALLEY

Paper White Narcissi

THESE have been favorites for ages as a decoration for the living room during the coldest winter months when flowers are scarce. Their culture is simple, and with good strong bulbs such as we supply, flowering is sure. Plant bulbs in shallow bowls filled with pebbles, or fibre, and water. Keep in the dark until roots form (about 2 weeks) then bring into light. A day temperature of not over 70° is best.

Fancy selected bulbs (13 ctm.). Three bulbs for **15c**; doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

Mammoth bulbs (14 ctm.) Three bulbs for **20c**; dozen, **60c**; 100, **$4.00**; 1,000, **$35.00.**

Jumbo bulbs (15 ctm.). Three bulbs for **25c**; dozen, **75c**; 100, **$5.00**; 1,000, **$45.00.**

The Yellow Paper White
(GRAND SOLEIL D'OR)

A larger, stronger scented form of the Paper White Narcissus colored a beautiful golden yellow with a darker cup.

Mammoth bulbs. Per three, **45c**; dozen, **$1.50**; 100, **$10.00.**

Chinese Sacred Lily (Narcissus)

THIS narcissus is called by the Chinese the "Joss Flower" The flowers are white, with yellow cup, and very fragrant. Each bulb produces several flower-spikes. Plant like Paper White Narcissi in bowl of bulb fibre, or pebbles and water. Avoid dry, hot rooms. A kitchen window may be best until flowers come. Recommended for Christmas flowering.

Large Bulbs. Each, **10c**; three for **25c**; per dozen, **$1.00**; 100, **$7.00.**

PAPER WHITE NARCISSI

Calla Lilies

REHMANNII, Ready in November. The rare Pink Calla Lily. Rather dwarfer and smaller flowered than the White Calla, but of alluring coloring, palest blush to pure rose. Each **70c**; doz., **$7.00.**

WHITE, Ready Now. A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rich soil, using 6 to 8-inch pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer.

First Size (1¼ to 1½ in.)...Each, **15c**; doz., **$1.25**; 100, **$8.00.**
Select Size (1½ to 1¾ in.)...Each, **20c**; doz., **$2.00**; 100, **$15.00.**
Mammoth (1¾ to 2 in.)....Each, **35c**; doz., **$3.50**; 100, **$25.00.**
Jumbo (2 in. and over).....Each, **50c**; doz., **$5.00**; 100, **$38.00.**

Calla Golden Yellow Elliottiana,
Ready in November

New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, clear, lustrous golden yellow; foliage dark green, with translucent creamy spots, strong bulbs.

First Size (2 to 2½ in.).....Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Mammoth (2½ to 3 in.)....Each, **35c**; doz., **$3.50**; 100, **$22.50.**

Jumbo (3 in. and up).....Each, **50c**; doz., **$5.00**; 100, **$38.00.**

CALLA BABY WHITE

Dainty little flowers on plants 12-18 inches high. Steady bloomer. Fine pot plant.
Each, **20c**; doz., **$2.00**; 100, **$15.00**

Lilies of the Valley

THESE beautiful, fragrant flowers may be brought to flower in 18 to 21 days, if pips from cold storage are used. They are easily forced in a bowl, if planted in sphagnum moss and kept well watered. Their dainty fragrance is preferred by many to the large Paper White Narcissi, and they are much quicker to flower. Do not order more than you intend to use at once as the cold storage pips will not keep. Plant about 25 pips in a 7-inch bowl, place in a warm temperature, 65 degrees Fahrenheit and shade from light until leaves and spikes are well developed, then admit light gradually. Increase temperature to 75 degrees or 80 degrees if possible. An inverted pot over each bowl answers admirably to shade them. They may be forced in soil the same way, in a 7-inch pot or pan. This is the treatment for cold storage pips only.

COLD STORAGE PIPS, (Ready November 1). **25 for $2.75**; 100 for **$10.00**, postpaid.

SPHAGNUM MOSS, sufficient for 25 pips. **10c**, postpaid.

Oxalis

For Indoor Planting Only

Most of these Oxalis flower from October until Christmas, and later. Easily grown, requiring only a good, somewhat peaty soil.

GRAND DUCHESS. Lavender, pink and white. Doz., **45c**; 100, **$3.00**; 1,000, **$25.00.**

BERMUDA BUTTERCUP. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

HIRTA. Deep pink, very fine for hanging baskets. Doz., **45c**; 100, **$3.00**; 1,000, **$25.00.**

Ornithogalum

AUREUM. Of a rich apricot orange, this is perhaps the finest of ornithogalums. The flower stems are usually over a foot; with most of the upper half covered with flowers. Its ease of culture, and the lasting qualities of the flowers make it an ideal cut flower. Flowering Size Bulbs: Each **20c**; doz., **$1.80**; 100, **$13.00.**

THRYSOIDES FLORA PLENA. The flower has the keeping quality of the single and the appearance of a double Tuberose, with no strong odor. Three for **45c**; doz., **$1.25**; 100, **$8.00.**

ARABICUM. Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting lasting a long time in water. These bulb flowers are very hardy in the South and other mild climates, but they should be given protection when planted outdoors in the North. Culture in the house is about the same as for Hyacinths. Doz., **85c**; 100, **$6.00**; 1,000, **$55.00.**

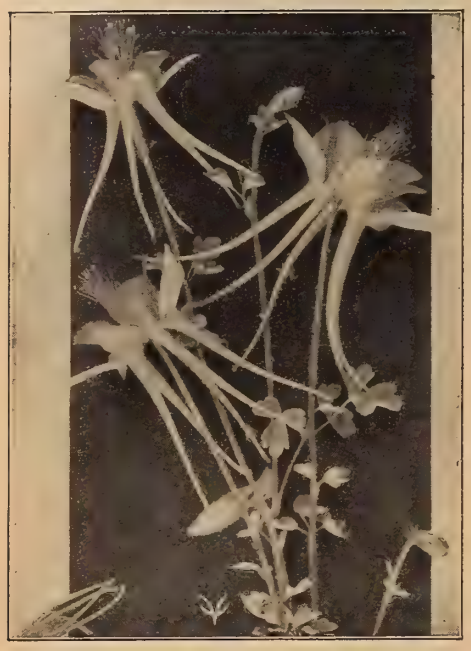
Hardy Perennial Plants for *Fall* Planting

HARDY perennials may be set out this fall in time to become well established before winter sets in; and next year will see them better developed, and bearing finer flowers than can be obtained from plants set in your border next spring.

This advantage is accompanied with very little extra risk. We do not list the kinds which need special protection through the winter. It is always well to apply a mulch over newly planted perennials, after the ground has frozen. This will tend to prevent winter thaws and frost heaving. Plants should not be placed where water stands, as excessive dampness in the winter causes rot during mild spells

All plants are F. O. B., Chicago.

Plants are shipped with their roots well wrapped; and as packages must go by parcel post or express, it is impossible to make prices which cover postage, and are fair alike to all customers. So all prices in our plant list are F.O.B. Chicago, and if it is desired to have them sent by mail, postage should be added at zone rates. If sent by express, they go collect, at customer's expense.



AQUILEGIA—Mrs. Scott Elliott's Strain.

ACHILLEA (Milfoil, Yarrow)

Achilleas are useful for cutting.

Crimson Beauty. 2 ft. A great improvement over Millefolium Kelwayi. Dark rose, free flowering. 3 for 85c; doz., $2.50.

Perry's White. 2 ft. June-Aug. White. 3 for 85c; doz., $2.50.

ANCHUSA

×**Myosotidiflora.** 1 ft. A Russian species, bears in April a profusion of pretty pale blue Forget-Me-Not flowers. 3 for 85c; doz., $2.50.

AQUILEGIA (Columbine)

×**Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.** The flowers are very large and of distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc., and are the result of very many years careful hybridization. 3 for 85c; doz., $2 50.

ASTER (Michaelmas Daisy)

Masses and clouds of dainty and brightly colored blossoms throughout the autumn months.

Beechwood Challenger. Darkest red of all. 2½ ft. 3 for $1.00; doz., $3.50.

Charles Wilson. Brilliant red flowers of good size, 3 feet. 3 for $1.00; doz., $3.50.

Climax. 5 ft. Large, pyramidal spikes of large, light lavender-blue flowers, gold centers. Sept.-Oct. 3 for 85c; doz., $2.50.

Red Rover. 3-4 ft. Sept. Deep rosy red with golden center. 3 for 85c, doz. $2.50.

Skylands Queen. 3 ft. Immense pale blue flowers, bright yellow centers. 3 for $1.00; doz., $3.50.

Snowdrift. 3 ft. Pure white. 3 for 85c; doz., $2.50.

Star of Eisenach (Wartburg Star). May. A new giant flowered subcoeruleus type. Lavender-blue Daisies with yellow centers. 3 for $1.00; doz., $3.50.

NEW DWARF ASTERS

These are barely one foot tall, bushy, compact plants, smothered with bloom in Sept. and October.

×**Countess of Dudley.** Clear pink, yellow center.

×**Nancy.** Pale flesh pink.

×**Victor.** Very dwarf, pale lavender.

×**Snowsprite.** Very dwarf dense white bloom. Each, 40c; 3 for $1.00; doz., $3.50.

CAMPANULA (Bell-flower)

A most important family for the flower garden.

×**Carpatica (Harebell).** 9 in. June to Aug. Forms tufts of neat foliage. Splendid for edging. Likes partial shade. 3 for 65c; doz., $2.00.

×**Alba.** 9 in. July. Pure white. 3 for 65c; doz., $2.00.

Glomerata Superba (Clustered Bellflower). Beautiful dark violet flowers. June-July. 20 in. Pkt., 25c; 3 for 85c; doz., $2.50.

Persicifolia Coerulea (Peachleaf Bell-flower). 2-3 ft. Blue. 3 for 85c; doz., $2.50.

COREOPSIS (Tickseed)

One of the most popular hardy plants.

Double Flowering (Grandiflora Fl. Pl. Special Selection). A well fixed double and semi-double strain. 3 for 85c; doz., $2.50.

Lanceolata Grandiflora. June-Oct. Yellow. 2 ft. 3 for 65c; doz., $2.00; 100, $12.00.

DAISY (Shasta)

Alaska. 2 ft. Large white flowers. Fine for cutting. 3 for 65c; doz., $2.00.

Hartje and Elder. 2 ft. The first Shasta Daisy to bloom. 3 for 85c; doz., $2.50.

Supreme. Outstanding variety. Low, bushy foliage, strong, medium height stems with large flowers. 3 for 85c; doz., $2.50.

Relative Prices Are as follows:

Plants priced at			3 supplied for	Each
	$2.00	per dozen	$0.65	$0.25
	2.50	per dozen	.85	.35
	3.50	per dozen	1.00	.40
	5.00	per dozen	1.50	.55

6 plants of a variety at the dozen rate.

Plants by Parcel Post

If to be sent by parcel post add postage as follows: Single plants, **5c**; 3 plants, **10c**; 6 plants, **15c**; 12 plants, **25c**. We accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express

We recommend this mode of transit where quantities are over 18 to 24 plants.

Plants for Rock Gardens

The sign × is placed before varieties especially suited for use in rock gardens.

WORLD'S BEST DELPHINIUMS

For seeds of named varieties of Pacific Hybrids, see page 25.

New Pacific Hybrids. (Vetterle and Reinelt.) Have been pronounced by competent judges to be the finest in the world.

Giant Blues. Individual flowers are two inches in diameter, spikes 2½ to 5 ft. in length, branching habit of growth. 3 for $1.00; doz., $3.50.

White. The largest flowers and longest flowering of any white strain. 3 for $1.00; doz., $3.50.

Belladonna. Sky-blue. June-Aug. 3 ft. 3 for 85c; doz., $2.50.

Bellamosum Improved. Deep blue with white bee. 3 ft. 3 for 85c; doz., $2.50.

Wrexham Hollyhock-flowered Strain. Flowers in blue, white and pink combinations, many of them bicolor, many of them 1½ to 2 inches in diameter. 3 for $1.00; doz., $3.50.

Individual Floret of Delphinium Pacific Hybrids. ½ natural size.

DIANTHUS BARBATUS

Vaughan's Special Mixture. Sweet William. Varied and unique coloring and markings. 3 for 65c; doz., $2.00; 100, $12.00.

DIANTHUS (Hardy Garden Pink)

Plumarius. Vaughan's Special Mixture. May-Oct. 15 in. 3 for 65c; doz., $2.00.

DICTAMNUS (Gas Plant)

Fraxinella. 3 ft. May-June. Large spikes of deep pink purple-veined flowers. 3 for 85c; doz., $2.50.

Albus. 3 ft. May-June. Spikes of attractive pure white sweet-scented flowers. 3 for 85c; doz., $2.50

DICENTRA (Dielytra) (Bleeding Heart or Seal Flower)

Spectabilis. Its long racemes of graceful heart-shaped pink flowers are always attractive. Especially valuable in shade. 3 for $1.25; doz., $4.00.

EREMURUS (Foxtail Lily)

Tall stately spikes of bloom in May. Very effective for background. Quite rare and distinct.

Himalaicus. 5 ft. Cream white. Each, $1.20.

Bungei. 5 ft. Golden yellow. Each, $1.00.

GAILLARDIA (Blanket Flower)

Gaillardias are fine cut flowers. Bloom all summer.

Grandiflora Mixed. June-Oct. Mixed. 1½ ft. 3 for 65c; doz., $2.00.

Burgundy. Wine red. 2 ft. 3 for 85c; doz., $2.50.

Sun God. The first yellow gaillardia. Pure chamois yellow, long stiff stems. A distinct new introduction. 3 for $1.50; doz., $5.00.

GRAVE MYRTLE. New Bowles variety. 3 for 85c; doz., $2.50.

GYPSOPHILA (Baby's Breath)

Paniculata. July-Aug. White. 2-3 ft. 3 for 65c; doz., $2.00.

Paniculata Bristol Fairy (Double Baby's Breath). Early double pure white large flowering perennial Baby's Breath. Produces a second crop of spikes. Each, 65c; 3 for $1.50; doz., $5.00.

×**Bodgeri.** 2 ft. Blooms very double and large enough for cut flowers. 3 for $1.00; doz., $3.50.

Rosenschleier (Rosy Veil). A dwarf double pink variety giving two crops of bloom. Each, 35c; 3 for $1.00; doz., $3.50.

HEMEROCALLIS (Yellow Day Lily)

New Hemerocallis Hybrids

Hybridizers like Dr. Stout, B. H. Farr, C. Betscher, Amos Perry, George Yeld and others, have created wonderful new Hemerocallis of rare beauty, rich coloring and extreme hardiness.

Calypso. 3½ ft. July. Large lemon yellow. Each, 30c.

Cinnabar. July-August. Light bronzy red, suffused gold. Each, 60c.

Goldeni. 3 ft. June. Big golden yellow flowers. Each, 35c.

Gypsy. June-July. Deep orange shaded fulvous red. Each, 35c.

Hyperion. July-August. Large citron yellow. Outstanding. Each, 75c.

Margaret Perry. July. Scarlet orange. Center of petals yellow. Each, $1.00.

Mikado. June. Large deep orange with maroon transverse blotches on three petals. Each, $1.00.

Mrs. W. H. Wyman. 4 ft. Early August. Lovely lemon-yellow. Each, 30c.

Ophir. 4 ft. July. Giant golden yellow. Each, 60c.

Soudan. 3 ft. June. Empire yellow crinkled petals. Each, $1.25.

OLDER VARIETIES

Aureole. 3 ft. May. Deep orange, bronze reverse.

Dr. Regal. 1½ ft. Rich orange-yellow. May and June.

Fulva Kwanso Fl. Pl. 3 ft. July-August. Orange shaded crimson, double.

Sovereign. 2 ft. May-June. Soft chrome-yellow shaded brown on the outside, fragrant.

Thunbergi. 3 ft. July. Fragrant golden yellow.

Prices, Older Varieties, 3 for 65c; doz., $2.00.

HEUCHERA (Coralbells)

Sanguinea. 2 ft. July-Aug. Long stems of large crimson-scarlet flowers. 3 for $1.00; doz., $3.50.

HOSTA (Funkia or Day Lily)

Attractive plants with broad overlapping leaves of various markings. Dainty lily-like flowers. 1½-2 ft. Effective in any shady position.

Coerulea (Lanceolata). 1 ft. Dark blue. 3 for 85c; doz., $2.50.

Fortunei Robusta. Large foliage, white flowers, shaded light blue. Each, 65c; 3 for $1.50.

Japonica Aurea Marginata. 1 ft. Aug. Mauve. 3 for 85c; doz., $2.50.

Subcordata Grandiflora. Flowers white, large green leaves. 3 for $1.00; doz., $3.50.

Variegata. Good edging plant. Leaves white and green. 3 for $1.00; doz., $3.50.

LIATRIS (Kansas Gay Feather)

Pycnostachya. 4 to 5 ft. Flowers purple in spikes, which bloom a long time. July-Aug. 3 for 85c; doz., $2.50.

MERTENSIA (Blue Bells)

A lovely plant for the shade.

×**Virginica.** May-June. Light blue. 18 in. 3 for 65c; doz., $2.00; 100, $10.00.

MYOSOTIS (Forget-me-not)

×**Palustris Semperflorens.** Dwarf blue, in flower from early spring until autumn. 3 for 85c; doz., $2.50; 100, $15.00.

PAPAVER (Oriental Poppy)

For gorgeous coloring the Oriental Poppies have few rivals among hardy plants.

Beauty of Livermore. 3 ft. Crimson with dark blotch, stout stems. 35c; 3 for $1.00; doz., $3.50.

Jeannie Mawson. 2½ ft. Charming geranium pink, large flowers on stiff stems. 35c; 3 for $1.00; doz., $3.50.

Joyce. 4 ft. A tall cherry red poppy of medium size to glorify the spring border. 35c; 3 for $1.00; doz., $3.50.

Mrs. Perry. The best known pink poppy. Delicate salmon-rose with black blotches. 30c; 3 for 85c; doz., $2.50.

Olympia. Double rich scarlet. A striking introduction. Very free blooming, flowers come ten days before other varieties. 35c; 3 for $1.00; doz., $3.50.

Perry's White. 3 ft. Satiny white purple-black blotch at base. 50c; 3 for $1.50; doz., $5.00.

Princess Ena. 3 ft. Early coral pink. 35c; 3 for $1.00; doz., $3.50.

Royal Scarlet. Old fashioned scarlet Oriental Poppy. 30c; 3 for 85c; doz., $2.50.

Seven Phlox of Rainbow Colors, $1.75 PREPAID

One each of the varieties marked with a star in list below.

Augusta. U. S. Plant Patent No. 252. Brilliant cherry red. Each, 50c; doz., $4.50.

B. Comte. Wine purple of satiny sheen. 3 for $1.00; doz., $3.50.

Border Queen. Dwarf with massive heads of watermelon pink. 3 for $1.50; doz., $5.00.

Brilliant. Blood red. 3 for $1.00; doz., $3.50.

Columbia. Patented. Cameo pink, faint blue shading at center. 3 for $1.10; doz., $3.30.

Daily Sketch. New. Big trusses, salmon pink with crimson eye. 3 for $1.25; doz., $4.00.

★**E. I. Farrington.** New. Large trusses of delightful salmon shade with lighter eye. 3 for 85c; doz., $2.50.

Emain Macha. New. Dark flaming red. 3 for $1.50; doz., $5.00.

Enchantress. Bright salmon pink with lighter center. 3 for $1.00; doz., $3.50.

★**Europa.** Large white florets with faint red center. 3 for 85c; doz., $2.50.

★**Feuerbrand (Fireglow).** Bright scarlet, tall with large heads. 3 for $1.25; doz., $4.00.

★**Flora Reidy.** Pure white. 3 for 85c; doz., $2.50.

★**Goliath.** Bright carmine flowers, shaded light purple. 3 for 85c; doz., $2.50.

Graf Zeppelin. Paper white flowers with vermillion red eye. 3 for $1.00; doz., $3.50.

Harvest Fire. Large flaming salmon orange. 3 for $1.50; doz., $5.00.

Leo Schlageter. New. Outstanding vivid scarlet or flame red. Good foliage, large blooms. 3 for $1.50; doz., $5.00.

★**Mrs. Milly Von Hoboken.** Bright pink, faint mauve suffusion. 3 for $1.00; doz., $3.50.

Miss. Lingard (Suffruticosa). Pure white; the earliest of all. Blooms, good for cut flowers. 3 for 85c; doz., $2.50.

★**Painted Lady.** Pale pink with dark red eye. An outstanding variety. 3 for 85c; doz., $2.50.

Starlight. Light purple white center. 3 for 85c; doz., $2.50.

Thor. A splendid variety of a lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow. 3 for 85c; doz., $2.50.

Von Hochberg. Large size blood red blooms. 3 for $1.50; doz., $5.00.

Mixed. 1-year field-grown plants of a choice mixture of colors. Un-named varieties. Our selection. 3 for 65c; doz., $2.00; 100, $12.00.

Dwarf and Alpine Phlox

×**Amoena (Lovely Phlox).** Charming native variety, bright pink flowers, 6 in. April-May. 3 for 85c; doz., $2.50.

×**Divaricata Canadensis.** Blooms early in April, with large, fragrant, lavender flowers on stems 10 inches high. 3 for 65c; doz., $2.00; 100, $12.00.

×**Dixie Brilliant.** (Nivalis Sylvestris). New large flowered variety. Rosy red blooms. 3 for $1.00; doz., $3.50.

PHLOX COLUMBIA

HARDY DWARF PHLOX—Continued

×**Subulata Alba.** A compact mass of elegant prostrate foliage, dainty white flowers in May; height 4 in. 3 for 65c; doz., $2.00; 100, $12.00.

×**Subulata Atro-Purpurea.** 4 in. A new variety. Dwarf compact foliage, dark purple-red flowers in May. 3 for $1.00; doz., $3.50.

×**Subulata Brittoni.** Valuable California species, for hot dry locations. Starry white flowers, compact foliage. 3 for 85c; doz., $2.50.

×**Subulata Mrs. G. F. Wilson.** Compact growth, heavy bloomer. Lavender pink flowers in May and in the fall. 3 for 85c; doz., $2.50.

Subulata Pink Cushion. New. More compact, more free flowering and a clearer pink than Rosea. 3 for 85c; doz., $2.50.

Subulata Rosea. Same as above, but dainty pink flowers. 3 for 65c; doz., $2.00; 100, $12.00.

PLATYCODON (Chinese Bell Flower)

They flower from June to September.

Grandiflorum. 1-2 ft. Large, handsome, deep blue flowers. 3 for 65c; doz., $2.00.

PRIMULA (Primrose)

Blossoming in April and May, along shady paths.

×**Veris, Mixed.** 6-9 in. The Oxlip or Polyanthus, bearing bright flowers in umbels. 3 for 85c; doz., $2.50.

×**Veris Kleynii.** Heavy stems. Carrying immense heads. Rich golden yellow shaded apricot towards center. 3 for $1.00; doz., $3.50.

PYRETHRUM (Painted Daisy)

Roseum, Single Mixed. June. 1½-2 ft. 3 for 65c; doz , $2.00.

James Kelway. Blood-red. 3 for 85c; doz., $2.50.

Uliginosum. 4 ft. A hardy white daisy flowering in September. 3 for 85c; doz., $2.50.

SALVIA (Sage)

Azurea Grandiflora (Meadow Sage). Sept.-Oct. Deep blue. 4 ft. 3 for 65c; doz., $2.00.

SCABIOSA (Pincushion)

Long blooming hardy perennial, much prized for cut flowers, tidy and compact in growth.

Caucasica. 18 in. Light lavender blue flowers on long stems. June to Oct. 3 for 85c; doz., $2.50.

SEDUM

×**Acre (Golden Moss).** 3 in. May-June. Bright yellow.

×**Album.** 3 in. Waxy foliage, white flowers. July.

×**Sexangulare (Hexagon Stone Crop).** Dark green foliage, yellow flowers. May-June.

×**Sieboldii.** 4 in. Round succulent, glaucous foliage; pink flowers. August. 3 for 85c; doz., $2.50.

×**Spectabile.** June-July. Deep rose. 18 in.

×**Spurium.** Pink flowers. 4 in.

Price all Sedums, except as noted, 3 for 65c; doz., $2.00; 100, $12.00.

TRILLIUM (Wake Robin)

Grandiflorum. 12 in. Beautiful native spring-flowering perennials. White flowers with three petal-like segments. For naturalizing in moist shaded places. 3 for 50c; doz., $1.50; 100, $10.00.

TROLLIUS (Globe Flower)

Globe flowers of bright orange or yellow, and finely cut leaves, make this a desirable subject.

Ledebouri. 2 ft. Orange flowers. 3 for $1.00; doz., $3.50.

Golden Queen. 3 to 4 ft. Large flowers of orange color, in autumn as well as early summer. 3 for $1.50; doz., $5.00; 100, $35.00.

Gold Quelle. Dark orange, upright stamens. Late June. 3 for $1.50; doz., $5.00

VERONICA (Speedwell)

Spicata. Blue. 2 ft. July-August. Small spikes of rich blue flowers. 3 for 65c; doz., $2.00.

Spicata Rosea. 1 ft. Pure pink. 3 for 85c.

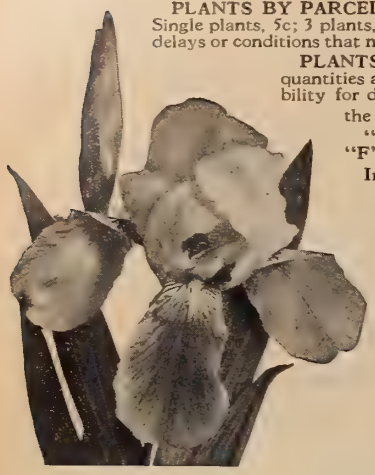
VIOLET

×**Florence.** Hardy single white, faint lavender markings. Fragrant, long stemmed blooms. 3 for 85c; doz., $2.50.

×**Prince of Wales.** Hardy violet, grows anywhere. Large single fragrant purple blooms. 3 for 85c; doz., $2.50.

×**Rosina.** New. This charming variety has an abundance of very fragrant, rose pink flowers. It also blooms more freely in Autumn than other varieties. Extremely hardy. 3 for $1.00; doz., $3.50.

Vaughan's Irises



PLANTS BY PARCEL POST—If to be sent by parcel post, add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

PLANTS BY EXPRESS—We recommend this mode of transit where quantities are over 18 to 24 plants We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

"S" refers to the three standard or upright curling petals; "F" to falls or drooping petals.

Irises are most effective if planted 3 of a kind in a clump.

★Those indicated by a star are medium priced varieties of outstanding merit and are especially recommended for garden planting.

DYKES MEMORIAL MEDAL. This is an award made annually in America, France and England for the best Iris of the year.

As soon as German iris plants are received, plant them in a sunny, well drained place. Each plant should have at least eighteen inches clear space from other irises, as it will grow in a circle and many varieties spread rapidly. The rhizome, or fleshy root stock from which the leaves and roots grow, should be barely covered with soil, with the roots properly spread below, and the soil well firmed about them. Until the plant is established, give it frequent attention, watering in dry spells. In the first winter, after the ground has frozen, a light mulch to prevent thawing and heaving will be beneficial.

New, Outstanding Varieties

★Attye Eugenia. 38 in. Large, very heavy textured flower that has the appearance of being carved from real ivory. Well branched stalk; prolific bloomer. **50c.**

Blue Triumph. 42 in. A magnificent iris, considered the finest light blue yet introduced. The flowers are very large and flaring and of heavy substance, with smooth velvety finish. Huge stalks, carrying from 12 to 15 flowers widely set apart. **50c; 3 for $1.00.**

Buechley Giant. 40 in. This new variety has the largest flowers of any Iris we grow. It is a clear lavender blue bicolor that has the perfect form of Frieda Mohr. Will create a sensation in any garden. **25c; 3 for 50c.**

California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow. Good garden variety as it does not fade. Late. **60c; 3 for $1.50.**

★Cheerio. 40 in. Considered the most brilliant of all the red toned Irises. S. golden tan flushed rose; F. rich, glowing velvety red. Produces an abundance of finely formed flowers. A "must have" for your garden. **60c; 3 for $1.50.**

Copper Lustre. 36 in. Dykes Medal, 1938. Considered "the Iris of the Century." Its flowers are of huge size and its color a blend of glowing copper and gold with iridescent sheen. Nothing quite like it. **$1.25.**

Coralie. 38 in. Winner of Dykes Medal for 1933. A vividly colored blend of pink and red that approaches a soft raspberry color in effect. Unusually lovely flowers of fine form. **40c.**

Dauntless. 40 in. One of the brightest red Irises introduced. A brilliant rose red self with flaring falls that appear darker because of their velvety quality. **25c; 3 for 50c.**

★Depute Nomblot. 50 in. This Dykes Medal Winner of 1930 is a magnificent Iris of greatest vigor; has strong foliage and stout, nicely branched stems. Flowers are of enormous size. S. coppery-red, flushed golden bronze; F. rich claret crimson. The entire flowers seem lightly dusted with gold which sparkles in the sun. **25c; 3 for 50c.**

Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat. Very fine. **35c.**

★Happy Days. 40 in. An immense clear yellow most easily described as a yellow El Capitan. Perfectly branched, with each stalk carrying 7 or 8 massive blooms. **50c; 3 for $1.00.**

Imperial Blush. A beautiful large blush pink with 40-in. branching stalks. Delightfully fragrant; free flowering. **35c; 3 for 75c.**

De Luxe Iris Collection. One each of Blue Triumph, Cheerio, Gudrun, Happy Days, Coralie, Jean Cayeux, The Black Douglas and War Eagle (value $3.85) for **$2.85** prepaid.

Jean Cayeux. 38 in. Dykes Medal 1931. This Iris is a masterpiece. A beautiful blending of coffee or Havana brown with a golden glint that is enchanting. The flowers are of perfect shape and are borne over a long season on splendidly branched stalks. No variety quite like this one **50c; 3 for $1.00.**

Joycette. 42 in. Huge flowers, 6 to 6½ inches, that are a rich blazing red in the sun. Form excellent and substance heavy. Usually has 3 or 4 blooms open at once. **35c.**

★Junaluska. 40 in. One of the most beautiful Iris in existence. S. rosy copper threaded with gold; F. brilliant copper-red. Huge flowers of perfect form and heavy substance. Fine garden variety. **90c.**

★Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; the standards faintly edged lavender blue. Perfectly hardy, it is considered one of the finest of all white Irises. We think it is just about perfect. **25c; 3 for 50c.**

★Marquita. 38 in. Enormous, beautifully formed flowers of luminous ivory yellow; falls heavily veined maroon. Always greatly admired. **50c.**

★Mary Dynes. 36 in. Large, dark red bi-color that has a flush of gold in the standards; very late. Good grower and prolific bloomer. A very beautiful new variety. **50c.**

★Mary Geddes. 38 in. Dykes Medal for 1936. S. salmon flushed yellow; F. same shade overlaid Pompein red. Garden effect orange salmon. Its widely branched stalks carry 8 to 10 flowers of longlasting qualities. One of our finest varieties. **30c; 3 for 75c.**

Missouri. 36 in. Dykes Medal, 1937. Of sensational size and unquestionably one of the best of all blue irises. S. clear vivid blue; F. slightly darker; semi-flaring. Form and substance extra good. **75c.**

No-we-ta. 35 in. A beautiful, true pink self in effect with yellow flushes at the center. The whole flower is softly frilled. An exquisite Iris and a fine garden variety. **25c; 3 for 50c.**

★Pink Satin. 42 in. Large, finely shaped flowers of a very delicate and smooth, yet glistening pink. The most outstanding of all the American pink Irises. **25c; 3 for 50c.**

Sierra Blue. 48 in. Dykes Medal 1935. Enormous flowers of soft clear, enamel-like blue, reminding one of the blue of the Sierra mountains. It has widely flaring falls, good substance, and a refined finish and graceful form that is really exceptional. Of tall, stately habit, it carries many buds to the stalk. **50c.**

Snowking. 40 in. A great beauty and The King of the white Irises. Giant snow-white flowers of fine form and heavy substance. Bold and strong in growing habits; very hardy. **$1.00.**

The Black Douglas. 38 in. S. dark violet; F. blackish violet. Very fine, richly colored Iris of good form and texture. **50c; 3 for $1.00.**

War Eagle. 40 in. S. light red-purple; F. red-purple with black shadings. Very large blooms, 7 inches in height. In effect, a rich, glowing deep red. Profuse bloomer. **50c; 3 for $1.00.**

★Wm. Mohr. 26 in. One of the most remarkable Irises ever raised. The ground color is pale lilac, the standards flushed darker, and the whole flower is beautifully veined manganese-violet. The plants are small, but the blooms are simply immense. **25c; 3 for 50c;**

★Venus de Milo. 40 in. A Dominion seedling of pure white with a rich creamy tone. Its large flowers are of exceptional substance and have the perfection of form and grace that the name indicates. **25c; 3 for 50c.**

Twenty Five Finest Irises

Price of the following, except where noted. Each **25c.** 3 of one kind for **50c.** (Note, we cannot supply 3 different kinds for **50c.**)

★Ambassadeur 40 in. S. smoky bronze; F. dark velvety maroon. A strong grower with large flowers. Late. **20c; 3 for 30c.**

Asia. 45 in S. pale silvery lavender deepening at the base to golden yellow. F. pale reddish purple, lighter at the edges. Very large. Late. **20c**

Baldwin. 40 in. Finely formed flowers of a uniform manganese violet color. of gigantic size and outstanding quality.

Blue Velvet. 46 in. A clear, beautiful, very dark blue self, the color of the richest shade of deep blue velvet. A superb flower of large size and heavy substance.

★Cinnabar. 42 in. A beautiful large flower of perfect form and deep, rich velvety red-purple tone. Very floriferous. **20c; 3 for 30c.**

Chasseur. 36 in. Beautiful buds marked with gold and brown, and large flowers of clear yellow shaded lighter at the center. **20c; 3 for 30c.**

Clara Noyes. 38 in. A brilliant blending of red, orange and yellow hat is not unlike the coloring of the Talisman Rose. Entirely different from all other Irises, it creates a sensation wherever shown.

Coronation. 40 in. A brilliant, deep golden yellow of fine form and substance; profuse bloomer.

Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration. **20c; 3 for 30c.**

Desert Gold. 30 in. An early blooming, fragrant soft luminous yellow of good form and excellent substance.

★Dolly Madison. 38 in. A most outstanding blend of colors. S. mauvette shading to yellow at base; F. flaring, lilac tinged old gold.

★Gold Imperial. 33 in. Brilliant chrome yellow throughout except for conspicuous orange beard. **20c; 3 for 30c.**

★Imperator. 40 in. A large red toned Iris. S. reddish violet tinted buff; F. deeper shade. Flowers of excellent form borne on strong stems. **20c; 3 for 30c.**

★Indian Chief. 40 in. Every garden should have this fine red. S. pinkish red; F. glowing velvety red. Large well-shaped flowers of heavy substance. A prolific bloomer and strong grower.

King Tut. 34 in. S. brown suffused with red; F. velvety glowing brownish-red. Large flowers of beautiful coloring. **20c; 3 for 30c.**

Labor. 36 in. An extraordinary Iris of new color. S. dark violet heliotrope suffused with a coppery glow; F. deeper shade. **20c; 3 for 30c.**

★Morning Splendor. 40 in. A fine American introduction that has been awarded three medals. S. Petunia-violet; F. rich raisin-purple. The flowers are large, and fragrant. Late. **20c; 3 for 30c.**

Nightshade. 40 in. Dark purple self on wide branching stems. Blooms abundantly.

★Pluie d'Or (Golden Rain). 40 inch. Dykes Medal 1928. Tall golden yellow self. A large flower of perfect form and a profuse bloomer. Late. An outstanding variety.

★Selene. Extra large white, a real giant. Never fails to bloom; fragrant; early. **20c.**

Seminole. 30 in. S. soft violet-rose; F. velvety crimson; bright color. **20c; 3 for 30c.**

★Sensation. 38 in. Enormous corn-flower blue flowers of perfect form and heavy substance. A perfect flower, the standards beautifully arched, the falls flaring and the stems tall and sturdy.

Taj Mahal. 38 in. A very fine white of good shape and great substance borne on tall, well-balanced stalks. **20c; 3 for 30c.**

Vesper Gold. 42 in. A distinct yellow suffused with violaceous reflections Bright orange beard. Late. **20c; 3 for 30c.**

★Valor. 52 in. Velvety blackish violet-blue bicolor of huge size and perfect shape on very tall stems. Rich and startling in effect.

Standard Varieties

We have a large collection of these in named varieties in all colors. List of varieties mailed on request. Price, **20c;** 3 of one kind for **30c;** 12 of one kind for **$1.00.**

Surprise Iris Collection. Twelve beautiful varieties (which includes the giant Selene) in a rainbow of colors, our selection (value $2 40) labeled for only **$1.00.**

THE FAMOUS RED DOMINION

These are among the fifty finest irises in cultivation. Each is rated close to perfection and not long ago not one could have been purchased for the price of the collection. Your iris display is lacking if you have not these varieties; and our low prices make it possible to own them for less than the cost of ordinary plants.

Twelve Iris Aristocrats $2.00

Catalogue Value $3.20. Prepaid 300 Miles For

★Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed, on strong branched stems. Blooms of firm texture, unmarred by sun or rain. An extra fine new yellow and hardy everywhere. **25c; 3 for 50c.**

★Black Wings. 38 in. Velvety black buds opening to large flowers of intense midnight blue overlaid with a frosty black luster. A striking variety that is easily grown and deliciously fragrant. **30c; 3 for 60c.**

★Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure snow white on well branched stalks. Said to be the whitest white of all Irises. **25c; 3 for 50c**

★El Capitan. 40 in. Huge flowers of light violet-blue. A magnificent variety that is wanted by everyone that sees it. Exhibition blooms have measured 7 inches across and 9 inches high. **25c; 3 for 50c.**

★Ethelwyn Dubuar. 38 in. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class. **35c; 3 for 70c.**

★Frieda Mohr. 42 in. A gigantic lilac-pink bicolor 6½ inches from the top of the standards to the tip of the falls and 6 inches horizontally. The flower is of perfect form, good texture and brilliant coloring. Exquisite locust-like perfume. **25c; 3 for 50c.**

★King Juba. 36 in. A brilliant, large flowered variegata of striking appearance. S. pure clear yellow; F. deep velvety red. **25c; 3 for 50c.**

★President Pilkington. 46 in. Very large Iris of excellent form and glorious blend. S. pale buff with a faint bluish suffusion; F. wide and flaring, lavender blue with a buff suffusion. Extra fine. **25c; 3 for 50c.**

★Princess Beatrice. 40 in. A selected form of Pallida Dalmatica, one of the finest of all Irises. Silvery lavender flowers of satiny texture and good substance, flaring falls. **25c; 3 for 50c.**

★Rameses. 36 in. Dykes Medal 1932. A large blend of russet rose, pink and buff with a yellow glow at the center; large apricot beard. A vigorous healthy grower and free bloomer. **25c; 3 for 50c.**

★Red Dominion. 40 in. S. clear lustrous, deep red, slightly frilled F. broad, horizontal, velvety red; nearly black One of the most popular Iris grown. **30c; 3 for 75c.**

★Sir Michael. 48 in. A striking Iris, considered by many the finest blue bicolor. S. opalescent lavender-blue; F. rich deep velvety purple; brilliant red gold beard. A magnificent grower with strong widely branched stems. **25c; 3 for 50c.**

Fall Blooming Irises

These varieties bloom in the Spring with the Early flowering varieties and have a habit of blooming again in the Autumn.

Price except where noted 25c; 3 of one kind for 50c.

★Autumn King. 30 in. A blue-purple bicolor of fine size. **20c; 3 for 30c.**

Autumn Queen. 18 in. Pure white flowers of good size and quality.

★Eleanor Roosevelt. 28 in. An outstanding variety of very fine deep velvety purple. Profuse bloomer twice a year.

Golden Harvest. 18 in. The first yellow fall bloomer. S. olive yellow bluish at the haft; F. citron yellow.

Jean Siret. 15 in. A dwarf yellow of exceptional merit. Gives a long season of bloom in both the spring and fall and often blooms in the summer. Is classed as an everblooming Iris.

Lieutenant de Chavegnac. 15 in. Deep red violet with the same everblooming habits as Jean Siret.

October Blaze. 34 in. Big, glowing red-purple, somewhat on the order of Indian Chief. Late. **50c.**

Southland. 28 in. Clear deep chrome yellow of large size and heavy substance. Unusually fine in both spring and fall. **35c.**

★Ultra. 14 in. A beautiful ultramarine blue bicolor. Very popular variety. **20c; 3 for 30c.**

Special Offer No. 19-A 12 Fall Irises, 3 each Autumn King, Autumn Queen, Eleanor Roosevelt and Southland (value $2.05) for **$1.50.**

We have a large collection of Iris. Ask for a complete price list.

Various Beardless Irises

Most of these varieties bloom after the German Irises are gone and before the Japanese Irises open.

Dichotoma (Vesper Iris). Dainty blue flowers, beautifully marked, that open in the afternoon. Blooms profusely during the month of August. **50c.**

Dorothea K. Williamson. 33 in. A rich velvety royal purple flower of intense color. One of the finest beardless Irises. Plant in moist, well-drained soil. **30c; 3 for 75c.**

Lord Wolsely. 40 in. Large, handsome flowers of blue-purple color. Very hardy and vigorous. One of the best. **35c.**

Pseudoacorus (Common Yellow Water Flag). 48 in. Bright yellow. Fine for waterside planting. Will succeed where water stands or in dry locations. **25c; 3 for 50c.**

Versicolor (Common American Water Flag). 24 in. Showy violet-blue remaining in bloom for a longtime. Good for waterside plantings. **25c; 3 for 50c.**

Dwarf Irises

Price, any of the following except where noted, 25c each; 3 of one kind for 40c.

Cristata (Crested Iris). Early. A dainty dwarf creeping variety with large blue flowers. Fine for use in the rock garden.

Pumila Hybrida. Dwarf varieties, growing from 6 to 8 inches high, that bloom two weeks in advance of the tall bearded Iris. Suitable for rock gardens or borders.

★Dixmude. S. aniline blue; F. rich crimson-purple. **20c; 3 for 30c.**

Orange Queen. Clear deep yellow with orange beard.

Schneekuppe. Fragrant white.

Spring Skies. Lovely light blue, the shade of the Belladonna Larkspur.

Special Offer No. 19-B 12 Dwarf Irises, 6 each Dixmude and Orange Queen (value $1.40) for **$1.00.**

Japanese Irises
(Kaempferi)

The last of the Iris species to bloom and the most beautiful, their remarkable flowers, generally rather flat and wide, appearing in June and July. Plant in a sunny and moist location, but not where water will stand.

Prices except where noted, each 35c; 3 of one kind for 90c.

Azure. Immense mauve-blue with darker halo surrounding yellow center. Double.

★Gold Bound. Double. White with gold-banded center. Earliest to bloom.

★Mahogany. Large double flowers of velvety-mahogany red. Late.

Norma. Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double, **75c; 3 for $1.50.**

★Purple and Gold. An enormous double of rich violet-purple with gold center.

Seacrest. Six large wavy white petals with a deep blue haft.

Uchiu. Cerulean blue, veined white; gold center. Blooms a long time. Double.

★Zama-No-Mori. White slightly shaded azure blue. An extremely large single and one of the most beautiful in our collection. **50c; 3 for $1.25.**

Special Offer No. 19-C. One each of above 8 named Japanese Irises (Value **$3.35**) for **$2.00.**

Siberian Irises

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting, good established clumps having from 15 to 30 flower stalks.

Price, except where noted, 25c; 3 of one kind for 40c; 12 of one kind for $1.25; large clumps, 75c.

Butterfly. 36 in. Lovely porcelain blue flowers; vigorous grower.

★Emperor. 48 in. Large flowers of a deep, rich violet-blue. Very fine.

George Wallace. 46 in. Azure-blue, F. marked white. Very popular. 3 for **30c.**

★Perry's Blue. 48 in. Large, well formed flowers of a beautiful shade of sky-blue. One of the most popular and finest of Siberian Iris.

Orientalis. 24 in. Rich deep purple. Fine for naturalized plantings. 3 for **30c.**

Mixed Seedlings. 3 for **30c; 12 for $1.00.**

The Beardless, Japanese and Siberian Irises, unlike the Bearded Irises, prefer an acid soil and deep planting (about 2 inches). Peat Moss is excellent to use in the beds in which they are planted.

SIBERIAN IRIS

FRANCES WILLARD

Vaughan's Peonies

PEONIES, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade in single clumps or long beds; or bordering lawns, shrub rows, and drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap Peonies; they require just as much care as the better kinds, and are disappointing in the end.

Planting. Peonies may be planted from September first until May. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of shy blooming, 2 or 3 inches of soil over the crown (eyes) being sufficient. We offer **Divided roots,** natural divisions, having 3 to 5 eyes of blooming size.

The figures following the varieties are the rating given to them by the American Peony Society, based on a scale giving 10 points for perfection.

Feeding. Peonies in established plantings need to be fed each Spring. A top dressing of Vaughan's Balanced Ration (5-8-7) well worked in will do wonders, but it should be applied early.

Roots by Parcel Post.—If to be sent by parcel post, add postage as follows: Single roots, 8c; two roots, 12c; 3 roots, 16c.

★Varieties indicated by star are of outstanding merit and are especially recommended by us for garden planting.

AMA-NO-SODE

Light and Dark Pink and Rose

★Claire Dubois (8.7) Very large, double, globular flowers; color rich clear satiny pink, with glossy reflex. Late midseason. **75c.**

★Edulis Superba (7.6) Usually blooms for Decoration Day. The large flowers are a beautiful deep, vivid pink, and are borne profusely on tall, strong stems. One of the most fragrant of all Peonies and one of the best for cut flowers in its color and season. **40c.**

★Georgiana Shaylor (8.9) Large, flat, pale rose-pink with a few flecks of crimson. Strong grower and midseason bloomer. **75c.**

Hansina Brand. (9.1) A flower of beautiful form and really giant size. Color deep flesh pink, shading darker at the base of the petals with a salmon reflex. Resembles Solange but has a better stem and flowers that always open. Late. **$3.00.**

Lady Alexandra Duff (9.1) Enormous, loosely built flowers of pale blush pink with yellow stamens. Very showy and beautiful. Midseason. **60c.**

La France (9.0) Soft appleblossom-pink. Very large, fragrant flowers of unusual crepe-like texture. Late midseason. **75c.**

La Lorraine. (8.6) Enormous globular blooms of creamy-white, overlaid with soft pink. A beautiful flower that ranks with Le Cygne and Solange in the show room. Midseason. **$1.25.**

★Mad. Emile Galle (8.5) Large, flat flowers of delicate shell-pink with touches of heliotrope and lavender. Exquisite fragrance; late. **50c.**

★Martha Bullock (9.1) A real peony aristocrat, gigantic in size and exquisitely beautiful. Its immense cupped shaped flowers of bright old-rose pink are often 9 to 12 inches in diameter and are held well above the foliage on tall, stout stems. Rose-like fragrance; late. As a garden variety, or as a cut-flower or show variety, this one is hard to beat. **$1.00.**

Milton Hill (9.0) Clear pink overlaid with sheen of delicate lilac. Very large bloom; excellent for cutting; late. **75c.**

Minamota An unusual flower, semi-double, of a vivid rose-pink with a mass of yellow stamens interspersed through the center. **75c.**

★Mons. Jules Elie (9.2) By many considered most beautiful of all Peonies. The flowers are an immense ball of imbricated petals incurved like a chrysanthemum; the color a glistening lilac-pink shading to deeper rose at the base, all overlaid with a sheen of silver. Comes into bloom early and is one of our finest varieties for cutting. Very fragrant. **75c.**

Myrtle Gentry. (9.1) Immense flowers of perfect rose form and wonderful substance on stiff stems. Color beautiful pink with tints of flesh and salmon. Tea rose fragrance. Late midseason. **$2.50.**

Octavie Demay (8.5) Very large, flat crown, guards and center delicate hydrangea-pink, collar almost white. Very fragrant, very dwarf; Early. **50c.**

★Pierre Duchartre (8.2) Large, compact flowers of a delicate lilac-pink; very fragrant. Late. **60c.**

★Reine Hortense (President Taft) (8.7) One of the finest Peonies in our Nursery. A vigorous, strong grower, a profuse bloomer, and an excellent cut-flower variety, cut blooms lasting a week or more. Its flowers are among the largest of any variety that we grow and the color is a beautiful uniform light pink, center flecked crimson. Midseason. This variety is a consistent prize winner at the large peony shows. **75c.**

★Sarah Bernhardt (9.0) This fine variety is one of the largest and best pink Peonies in the world. It is a vigorous grower and a prolific bloomer, carrying its perfectly formed flowers gracefully on tall stems. The color is a dark rose-pink, edged lighter pink; center flecked crimson. An extra good cut-flower variety, it is always found in the winning classes of every show room. Late midseason. Delightfully fragrant. **75c.**

Souvenir de Louis Bigot (9.1) Large, convex blooms with fringed petals. Color a brilliant rose, turning to salmon-pink. Midseason. **75c.**

★Therese (9.8) A wonderful Peony of perfect habits and with immense, flat blooms of delicate texture. Color violet rose, changing to lilac-white. Early midseason. **$1.00.**

Walter Faxon (9.3) Ranked by Mrs. Harding with Solange and LeCygne as the three finest peonies. "Here is the most delectable hue of pink displayed by any of the peonies outside of the tree peonies," she writes. It is a free-blooming variety and grows strongly. Should be cut and allowed to open in the house where it will last for days in increasing beauty. Midseason. **$1.00.**

White and Light Varieties

Alsace Lorraine (8.8) One of the most charming and beautiful in our collection. Its large flowers borne in clusters, have petals long and slightly cupped, which radiate symmetrically from the center like a water-lily. The color is a rich, creamy white, center delicately tinted Havana brown. A very striking tone similar in effect to the greatly admired Solange. **75c.**

★Avalanche (8.7) A magnificent flower which opens like a rose. Pure white with a few pencilings of carmine. A chaste and beautiful variety of perfect form, delightfully fragrant; late midseason. An excellent cut-flower and landscape variety. **50c.**

★Baroness Schroeder (9.0) One of the finest Peonies in existence. Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby pink, changing to creamy-white. One of our best cut-flower varieties and an excellent keeper. Flowers held in cold storage as late as September have opened in perfect condition. June rose fragrance, late. **60c.**

Enchantresse (8.9) Large, globular flower on tall, stiff stems. Creamy white with crimson tracings. Late. Fragrant. **75c.**

★Festiva Maxima (9.3) An old variety which Mrs. Edward Harding says, "should be in every garden, large or small, lavishly arrayed or economically furnished." Flowers white, dotted carmine, are often 7 to 8 inches in diameter. Early. **40c.**

★Frances Willard (9.1) A perfectly-formed flower that is found among the winning classes in every show-room. Very large blooms, often having a raised, cup-shaped center inclosing golden stamens. Opens an exquisite blush-white, with an occasional carmine touch, changing to pure white. Of good substance and a fine cut-flower variety. Late midseason. **75c.**

Jubilee (8.9) Extremely large, flat flowers of ivory-white; petals long and narrow, loosely arranged, giving a feathery effect. Early **75c.**

Kelway's Glorious (9.8) An extremely large flower, full of glistening white petals, the outer edges of which are slightly crinkled and curved inward. Very fragrant. Late midseason. **$1.50.**

La Rosiere (8.3) A dainty peony with rose-like flowers. It should not be disbudded, as sprays of its flowers are charming. It is semi-double, the outer petals pure white at center with a yellowish white border. Midseason. **50c.**

LeCygne (9.9) (The Swan). "One of the three finest peonies," says Mrs. Harding. The curving petals of this magnificent flower are arranged like the feathers on a swan's wing. "Symmetrical, globular, of great size, fragrant, free-blooming, and milk-white," continues Mrs. Harding, "Le Cygne stands by itself." Has the highest rating of any Peony. Early midseason **$2.50.**

★Mme. Jules Dessert (9.4) A strong-growing, free-blooming plant, of delicate coloring. When the flower is cut just as the bud unfolds, and is allowed to open in a shaded room, wonderful tints of flesh, straw and white can be seen to perfection. Midseason. **75c.**

Primevere (8.6) "Finest of the yellow herbaceous peonies and one of the most fragrant," says Mrs. Harding "Striking and ornamental in the garden, it is still more satisfying as a cut flower. Then its color is safely guarded, and its perfume fully enjoyed. Midseason. **$1.00.**

Solange (9.7) Of this variety Mrs. Harding writes: "Until the lover of peonies knows Solange, his life is wasted, bare, uninteresting, improvished, and lonely beyond all words to tell. Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from its heart." Late. **$1.00.**

★Tourangelle (9.4) Pearl-white, overlaid with delicate shades of salmon; flowers flat, borne on long stems. Must be well established to get best results. Exquisite in its color tints if shaded from the sun when opening. Late. **$1.00.**

Peony Cover Collection

(Illustrated on Cover C)

One each of Alsace Lorraine, Sarah Bernhardt, Karl Rosefield and Reine Hortense (value $2.85), prepaid 600 miles for $2.00.

These are four of the World's Greatest Peonies. They will give you a spectacular display in the garden and each will last for days if cut in the bud and allowed to open in water in the house. And if you want to enter blooms in the flower shows, these are prize-winners. If you have the space, get a collection for your cutting garden as well as for your flower garden and you will not be disappointed.

Red and Crimson Sorts

Auguste Dessert (8.7) Cup-shaped flowers of fine form, with rounded petals, velvety crimson-carmine, very brilliant, with silvery reflex and often streaked white Midseason. **75c.**

Cherry Hill (8.6) Deep garnet with conspicuous sheen. Stems strong and erect. Does not burn. Early. **75c.**

★E. G. Hill (7.8) Very large, double flowers of rich tyrian red with a fiery brilliancy. Of erect, rather dwarf, compact growth, with extra stiff stems. Early midseason. **50c.**

★Felix Crousse (8.4) Its large, globular flowers, solid and compactly built from edge to center, are a rich, even, brilliant, dazzling ruby-red. Late midseason. **40c; 3 for $1.00.**

Grover Cleveland (8.2) Rose type; late. Rich, dark crimson; a strong grower. **50c.**

All Prices F. O. B. Our Nurseries, Western Springs, Ill. If wanted by Parcel Post, add 8c for 1 plant, 16c for 3 plants.

PEONIES—RED AND CRIMSON SORTS—Con.

Inspecteur Lavergne (8.6) Vivid crimson, frilled petals in the center; very full, globular flower of Mons. Jules Elie form. Abundant bloom. **$1.00.**

★Karl Rosefield (8.8) Very tall, compact grower of stately habit and an excellent bloomer, every stem carrying a huge, ball-like flower of rich velvety-crimson. Very brilliant and striking. We consider it the best all-round red Peony. Early midseason. **60c.**

★Longfellow (9.0) Perhaps the most brilliant of all the red peonies, as striking in the garden as in the showroom. It blooms in early midseason, has excellent foliage and strong, stiff stems. Very popular on account of its dependability and its vivid fadeless color. **75c.**

★Mary Brand (8.7) Vivid crimson of immense size; full double; a free-bloomer and a strong grower; midseason. Excellent for cut flowers. **75c.**

Mad. Gaudichau (8.2) Large, rather loosely built flowers of brilliant dark red; late midseason. Fine garden variety. Foliage vivid red in spring; stems red all summer. **90c.**

Mons. Martin Cahuzac (8.8) Medium sized, globular blooms. Dark purple-garnet with black reflex. The darkest peony known. Strong, vigorous grower, free-bloomer; midseason. **$1.00.**

Officinalis Rubra Plena (8.6) This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut flower. **75c.**

★Philippe Rivoire (9.2) Very dark crimson with velvety sheen. Perfectly formed, cup-shaped flowers with incurved center; delightfully fragrant; late. It is distinctly different and is the most beautiful and highest rated of all red Peonies. **$2.00.**

★Richard Carvel (8.8) Large globular flowers, all one shade of bright crimson. Tall, very stout stems, annual and profuse bloomer. Delicate fragrance. Early, usually in bloom for Decoration Day. **75c.**

Tenuifolia Flora Plena A very early species, in bloom two weeks ahead of any other Peony. Flowers are a full-double brilliant crimson and the foliage is finely cut like that of the Cosmos. Very rare and always scarce. Should be mulched the first winter after planting. **$2.00.**

We have a large collection of Peonies. Ask for a complete list.

Japanese Flowered Peonies

These are entirely without pollen. The inner petals are a mass of filaments surrounded by a guard of petals.

★Ama-No-Sode (9.2) Considered by many the handsomest pink Japanese peony. The flowers are large, of bright rose, shading lighter toward the edge of the petals. **$2.00.**

Fuyajo (9.2) Outer petals dark, rich, mahogany-red with velvety shading. Petaloids dark red striped and tipped buff. **$1.00.**

Gold Mine (8.2) Single row of deep rose guard petals; deep golden center. **75c.**

★Isani Gidui (9.3) Large, perfectly shaped flowers of pure white with rich buff-yellow center. Midseason. Considered the most beautiful white Japanese Peony. **$2.50.**

★Mikado (8.6) Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids, edged and tipped gold. **75c.**

Ruigegno Two rows of petals of clear red. Golden petaloids. A beautiful flower of fine substance. **$1.00.**

Torpilleur (8.0) Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. **60c.**

Plant a few of the Single and Japanese Peonies. They are very showy and artistic and make an unusually beautiful picture in the garden or when cut. At night and on cloudy days they close their petals and look like a bouquet of huge rose buds. Very effective.

Single Peonies

Clio (7.6) Large, cup-shaped single pink. Center a mass of long, golden pollen-bearing stamens, with pond lily fragrance. **60c.**

Fusyama. Soft colored flesh pink. Extra fine variety. **40c.**

★La Fiancee (8.4) Pure white; very large, tall. **75c.**

★L'Etincelante (8.1) Very broad petals of bright carmine with silvery border; crown of golden stamens at the center. **75c.**

Nymphe Large flowers of bright flesh-pink with golden stamens. **60c.**

Othello. Clear carmine, changing to deep rose; prominent yellow stamens. **75c.**

★Veloutine (7.3) Large single cup-shaped flower, like a tulip. Color velvety purple-red. **50c.**

Ya Machina. Large clear pink. **50c.**

Tree Peonies

Rare shrub-like plants. They are hardy, free-blooming, have rich coloring and thrive in an average soil in part or full sun. They should be mulched the first winter. We offer 2 years old grafted plants in 5 inch pots.

Lactea Pure white, blotched carmine. **$2.50.**

Reine Elizabeth One of the best of the double-flowered varieties. Very large, bright salmon-pink; free flowering. **$2.50.**

Souv. De Maxine Cornu Enormous flowers, 8 inches or more across, with wrinkled petals of deep yellow, heavily shaded orange; fragrant. **$5.00; 3-year field, $6.00.**

Souv. De Ducher Large, globular bloom; bright reddish violet with silvery reflex. **$3.00; 3-year field, $4.00.**

Good Peonies at Bargain Prices

3 for $1.00

Any of the following, **40c each.** Add for postage for 1 plant, 8c; for 3 plants, 16c.

Alexander Dumas. (7.1) Light violet-rose, creamy collar. Midseason.

Duchess de Nemours (8.1) Beautiful sulphur-white; early, fragrant.

La Tulipe (7.5) Large light pink, tipped carmine; late midseason.

Mad. de Verneville (7.9) Very full and double, pure white, center tinted blush. Exquisite rose fragrance. Very beautiful reliable bloomer; early.

Mad. Ducel (7.9) Like Mons. Jules Elie, but a smaller flower. Midseason.

Marechal Valliant (7.5) American Beauty color; very large; late.

Miss Salway. (7.8) Very large, globular, lilac-white. Midseason.

Deluxe Peony Collection

Six of the world's finest varieties

9.9 **LeCygne,** white 9.4 **Tourangelle,** white
9.2 **Philippe Rivoire,** red 9.8 **Therese,** pink
9.7 **Solange,** cream 9.3 **Walter Faxon,** pink

One each of the above (value $8.50) for $6.00

Surprise Peony Collection

Six beautiful named varieties, two each red, white and pink, our selection, labeled, (value $2.00) prepaid 600 miles for **$1.50.**

Un-named Peonies

Double White—Double Red — Double Pink—Each, 30c; 4 for $1.00.

Vines for Fall Planting

BITTERSWEET (Celastrus Scandens)

A native climbing or twining plant with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. Succeeds well in shade. We recommend planting 2 or more in a group. 2 yr., **50c; 3 for $1.25.**

LARGE-FLOWERING CLEMATIS

The Large-Flowered Clematis are the most beautiful of all our flowering vines. The varieties listed should be pruned early in spring as they produce their finest blossoms from wood made during the current year. If not pruned, the flowers which develop will be small. They require rich, deep soil, perfect drainage, abundance of water and should be planted with the crowns three inches beneath the surface of the soil.

Henryi. Strong grower, flowers usually eight-petaled, 4 to 6 inches in diameter and pure white. Very hardy. 2 yr., **75c; doz., $7.50.**

Jackmani. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion on shoots of the present season. 2 yr. **75c; doz., $7.50.**

Mad. Edward Andre. Flowers large, of a very beautiful bright velvety red, very free-flowering and continuous bloomer. 2 yr. **75c; doz., $7.50.**

Gold Medal Collection. One 2-yr. old roots, each, Jackmani, Henryi and Mad. Edward Andre, **$2.00.**

DUTCHMAN'S PIPE

Aristolochia Sipho. A vigorous and rapid-growing climber, bearing striking brownish colored flowers, resembling a miniature pipe in shape. Its large, rich glossy, dark green heart-shaped leaves give a tropical foliage effect and produce a splendid shade. It is very hardy and will thrive in sun or shade. **75c.**

WISTERIA Magnifica

A strong, rapid-growing vine with light-green compound foliage of an evergreen nature and purple-lilac, pea-shaped flowers, borne in very dense, long pendulous racemess in late May. 2 yr. extra strong, **50c; doz., $5.00; 3 yr., 60c; doz., $6.00.**

CREEPER (Ampelopsis)

Boston or Japanese Ivy (Ampelopsis Tricuspidata or Veitchei). The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or brick. 2 year, **50c; doz., $5.00,** 3 year, **65c; doz., $6.50.**

Engelman's Creeper (Ampelopsis Engelmani). One of the hardiest, best and quickest growing climbers for the north and northwest. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner and of greater substance. Leaves color beautifully in the fall. 3 yr., **50c; doz., $5.00.**

HARDY ENGLISH IVY

Hedera Helix Gracilis. This variety has dark green foliage and is identical in habit with the well-known English Ivy, except that it is hardy and has smaller leaves. Succeeds well in shady places. 2 yr., **65c; doz., $6.50;** 2½ in. pots, **35c; doz., $3.00.**

HONEYSUCKLE (Lonicera)

We cannot speak too highly of this class for covering arbors, fences, pergolas, verandas, etc. They are fine for ground planting under trees, and if used on terraces or embankments will prevent washing. All are perfectly hardy and improve in beauty each year.

Hall's Japanese Honeysuckle (Lonicera Japonica Halleana). This is one of the finest of all vines that one can plant. It is a strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow. Very fragrant, and covered with flowers from July to October; holds its leaves till January. 2 yr., **50c; doz., $5.00.**

Everblooming Honeysuckle (Lonicera Heckrotti). Remarkable for large size and distinct appearance of its flowers, crimson-carmine without and golden apricot inside. They are very beautiful and fragrant and are in bloom from the middle of June until the coming of frost. 2 yr., **75c; 3 yr., $1.00.**

EVERBLOOMING HONEYSUCKLE
(Lonicera Heckrotti)

Flowering Trees and Shrubs

Bechtel's (Double-Flowering Crab)

All Prices Are F. O. B. Our Nurseries, Western Springs, Ill.

Except where noted, 10 of one variety supplied at 10c less than each rate; 5 of one variety supplied at the 10 rate.

The figures in italics following each variety indicate in feet the average height of the plant at maturity. B. & B. indicates "Balled and Burlapped."

ALMOND (Prunus)

Flowering Almond (Prunus Glandulosa). *4 to 6 ft.* These well known, bushy shrubs are favorites in the old gardens. They never fail to produce in early spring, before the leaves appear, a profusion of small very double white or pink, rose-like flowers that are closely set along the branches.

Pink Flowering Almond (Prunus Glandulosa Sinensis). 2 to 3 ft., **75c**; 3 to 4 ft., **90c.**

AZALEA

Chinese Azalea (A. Mollis). *3 to 4 ft.* One of the most glorious of the Azaleas, with flowers of yellow, orange, lemon, salmon and terra-cotta borne before the leaves appear. It is of dwarf, compact growth with bright green foliage turning to bronze and red in fall. We can supply mixed colors only. 9 to 12 in. B. & B., **$1.25**; 10, **$10.00**; 12 to 15 in., B. & B., **$1.50**; 10, **$12.50**; 15 to 18 in., B. & B., **$2.50** each, 18 to 24 in., B. & B. **$3.00** each.

BEAUTY BUSH (Kolkwitzia Amabilis)

Its trumpet-shaped pink flowers are freely produced. Grows from *6 to 8 ft.* tall and fully that wide. Absolutely hardy and makes a wonderful showing in June. 3 to 4 ft., each, **75c**; 10, **$6.50.**

BURNING BUSH (Euonymus)

Winged Burning Bush (Euonymus Alatus). *6 to 8 ft.* Bark cork-like and curiously winged; leaves small; fruit red; in autumn, foliage bright red. One of our best shrubs for specimen plantings and for growing in shady locations 2 to 3 ft., **75c**; 10, **$6.50**; 3 to 4 ft., **$1.00**; 10, **$9.00.**

Dwarf Burning Bush (Euonymus Alatus Compacta). *4 to 6 ft.* A compact shrub that is especially attractive in the fall when the foliage turns crimson, and the whole bush resembles a ball of fire. Fine for formal effects as it may be kept trimmed to the size and height desired. 18 to 24 in., **90c**; 10, **$8.50**; 2 to 3 ft., **$1.25.**

European Burning Bush or Spindletree (Euonymus Europaeus). *12 to 14 ft.* A tall, erect shrub, very handsome and conspicuous in autumn and winter when it is loaded with rose-colored capsules, from which orange-colored berries hang on slender threads. Rarely seen in gardens but one of our finest berried shrubs. 2 to 3 ft., **50c**; 3 to 4 ft., each, **60c**; 10, **$5.00**; 4 to 5 ft., each, **70c**; 10, **$6.00.**

CHERRY, JAPANESE FLOWERING

Probably no group of small-flowering trees attract more attention than the Japanese Cherries with their rose-like flowers. Thousands visit the large collection at Washington, D. C. annually. They will thrive in a fertile and well-drained soil and should be kept mulched for a few years. It is advisable to pinch back the new growth in July, as this will have a tendency to force flower buds for the next season.

Amanogawa (Milky Way). Of upright growth similar to that of the Lombardy Poplar. Valuable for formal plantings and for use in small gardens. Flowers semi-double, pale pink and fragrant.

Sieboldi (Naden). *20 ft.* The flowers, a deep blush-pink in color, are very large and are produced early in great abundance.

October Cherry (Prunus Subhirtella Autumnalis). Single pink passing to white blossoms in spring, and usually a fall crop. 4 to 5 ft., **$3.00**; 5 to 6 ft., **$3.50.**

Price of above, except where noted, 5 to 6 ft., **$2.75**; per 10, **$25.00.**

Double Flowering Weeping—Subhirtella Type. In early spring its very slender, pendulous limbs are covered with myriads of small double pink flowers. 5 to 6 ft. stems, 2 yr. heads, **$4.00.**

CORALBERRY

Coralberry or Indian Currant (Symphoricarpos Vulgaris). *3 to 4 ft.* Purplish red fruit in Fall. Succeeds well in shade. 2 to 3 ft., each **40c**; 10, **$3.00**; 3 to 4 ft., each, **50c**; 10, **$4.00.**

New Red Coralberry (Symphoricarpos Chenaulti). *3 to 4 ft.* Has larger and brighter coral-red berries than the above. 2 to 3 ft., **50c**; 10, **$4.00**; 3 to 4 ft., **60c**; 10, **$5.00.**

CRANBERRYBUSH (Viburnum)

European Cranberrybush (Viburnum Opulus). *8 to 10 ft.* Of upright, spreading habit with dense green foliage. The single white flowers, borne in flat, imperfect clusters in May, are succeeded with very showy, cranberry-like berries that cling to the leafless branches all winter. 2 to 3 ft., **60c**; 3 to 4 ft., **70c**;

CRAB, FLOWERING (Malus)

Bechtel's Double-Flowering Crab (Malus Ioensis Bechteli). *10 to 15 ft.* Trees of medium size are covered in early spring with large, beautiful, double fragrant flowers resembling small roses of a delicate pink. 3 to 4 ft., **$1.25**; 4 to 5 ft., **$1.75**; 7 to 8 ft., 1¼ to 1½ inch caliper, **$3.75.**

Carmine Crab (Malus Atrosanguinea). *10 to 15 ft.* Similar to the Japanese, with carmine flowers which do not fade. 4 to 5 ft.; 5 to 6 ft.

Eleyi Crab (Malus Eleyi) (New). *10 to 15 ft.* A valuable new variety with red foliage, holding its brilliant color until fall. Produces clusters of wine red flowers and fruits of a red and apricot color about the size of cherries. 4 to 5 ft., **$1.75**; 5 to 6 ft., **$2.25.**

Japanese Flowering Crab (Malus Floribunda). *10 to 15 ft.* Best when grown naturally, when it is a broad, tall, round-topped bush, rather than a tree, with wide-spreading branches. The flowers as they open are red, changing to rose and white. The small, yellowish fruit often remains on the trees all winter. 4 to 5 ft., 5 to 6 ft.

Price of above, except where noted, 4 to 5 ft., **$1.50**; per 10, **$12.50**; 5 to 6 ft., **$2.00**; per 10, **$17.50.** Sizes which we have to offer noted after each variety. **Write for prices on larger sizes.**

DOGWOOD (Cornus)

Coral Dogwood (Cornus Alba Sibirica). *6 to 10 ft.* Bright coral-red branches. 2 to 3 ft., **40c**; 10, **$3.50**; 3 to 4 ft., **50c**; 10, **$4.00**; 4 to 5 ft., **60c**; 10, **$5.00.**

Goldentwig Dogwood (Cornus Stol. Flaviramea). *6 to 10 ft.* Attractive golden yellow bark. 3 to 4 ft., **50c**; 10, **$4.00**; 4 to 5 ft., **60c**; 10, **$5.00.**

ELM (Ulmus)
3 Quick Growing Varieties

American Elm, Moline Type (Ulmus Americana Molini). *80 to 100 ft.* Exceedingly large foliage. Of upright habit, taking up little room. Splendid tree for the street or for small yards.

American Elm, Vase Type (Ulmus Americana Urni). *80 to 100 ft.* A beautiful tree for landscape or boulevard planting where grace, dignity and uniformity are desired. A true vase-shaped tree. Prices of the above 2 Elm Trees as follows:

Height	Caliper	Each	10 for
8 to 10 ft.	1¼ to 1½ inch	$1.50	$12.50
10 to 12 ft.	1½ to 1¾ inch	2.00	17.50
10 to 12 ft.	1¾ to 2 inch	2.50	22.50

Chinese or Siberian Elm (Ulmus Pumila). *75 ft.* On account of its rapid growth, resistance to disease and ability to thrive in almost any situation, this new variety is already one of the most popular shade and street trees in America. A tree of rare beauty with small, dark green foliage.

Height	Caliper	Each	10 for
6 to 8 ft.		$1.25	$11.50
8 to 10 ft.	1 to 1¼ inch	1.75	15.00
8 to 10 ft.	1¼ to 1½ inch	2.00	17.50

Larger sizes, prices on application.

FIREBUSH OR FLOWERING QUINCE

Firebush or Flowering Quince (Cydonia Japonica). *4 to 5 ft.* Very showy in April when its branches are covered with brilliant orange-scarlet, flowers, followed by yellowish green, quince-shaped, fragrant fruits. 18 to 24 in., **40c**; 10, **$3.50.**

HYDRANGEA

Peegee Hydrangea (H. Paniculata Grandiflora). *8 to 10 ft.* Immense panicles of bloom a foot long, white turning to rose, commencing to bloom in August.

Snowball Hydrangea (H. Arborescens Grandiflora). *4 ft.* Large, flat heads of snow-white flowers in June and July. Thrives in shade.

Prices of above, 18 to 24 in., **50c**; 10, **$4.00**; 2 to 3 ft., **60c**; 10, **$5.00.**

GOLDEN BELL (Forsythia)

Border Forsythia (F. Intermedia). *6 to 8 ft.* Bright golden yellow flowers in early spring. 2 to 3 ft., **40c**; 10, **$3.00**; 3 to 4 ft., **50c**; 10, **$4.00**; 4 to 5 ft., **60c**; 10, **$5.00.**

Korean Golden Bell (F. Ovata). 5 to 8 ft. Extremely hardy and does not fail to bloom. The flowers are pale primrose-yellow and are produced 10 days before the other sorts. 2 to 3 ft., **75c.**

Showy Border Golden Bell (Forsythia Intermedia Spectabilis). *6 to 8 ft.* Considered the best of the Forsythias on account of its larger and richer yellow blossoms, which completely cover the wide spreading branches in early spring. 2 to 3 ft., **50c**; 10, **$4.00**; 3 to 4 ft., **60c**; 10, **$5.00**; 4 to 5 ft., **70c.**

HONEYSUCKLE (Lonicera)

Lonicera Korolkowi Floribunda. *10 ft.* Twiggy growth, arching in habit and with a mass of gray-green foliage. The masses of delicate pink flowers are carried high on the plants, producing a misty effect. Conspicuous orange red fruits. 2 to 3 ft., **75c**; 10, **$6.50**; 3 to 4 ft., **90c**; 10, **$7.50.**

Late Honeysuckle (Lonicera Maacki Podocarpa) *12 to 15 ft.* Widespread branches abundantly clothed with dark green foliage. Its honey-scented flowers open white tinged with pink and fade to cream. Although it blooms in June, its brilliant scarlet fruit does not ripen until November. 3 to 4 ft., **65c**; 10, **$5.50**; 4 to 5 ft., **75c**; 10, **$6.50.**

Pink Tatarian Honeysuckle, (Lonicera Tatarica Rosea). *9 to 10 ft.* One of our best shrubs for screen and border plantings. 3 to 4 ft., **50c**; 10, **$4.00**; 4 to 5 ft., **60c**; 10, **$5.00.**

JETBEAD (Rhodotypos Kerrioides)

4 to 5 ft. This handsome useful shrub will thrive in dry, shaded locations, in smoky cities, under trees and on the north side of buildings. Single white flowers like mockorange blossoms, borne in May and intermittently all summer, are followed by shining black berries which persist throughout the winter. 18 to 24 in., **40c**; 2 to 3 ft., **50c.**

MAIDENHAIR TREE

Ginkgo Biloba. *50-60 ft.* A highly ornamental tree of slender upright habit. The leaves are fan-shaped, resembling the maidenhair fern, and are a deep green, turning to rich golden yellow in fall. Native of China, and although now quite rare, it is the oldest species in cultivation. It is immune to the attacks of insects and diseases and will thrive in the unnatural conditions of our cities. 5 to 6 ft., ¾ to 1 inch caliper, **$3.50**; 6 to 8 ft., 1 to 1¼ inch caliper, **$4.50.**

MOUNTAIN ASH (Sorbus Aucuparia)

25 to 30 ft. A handsome tree with compound leaves of dark green turning a golden yellow in autumn. The white flowers are followed in fall by large clusters of bright red berries. 6 to 8 ft., **$1.50**; 8 to 10 ft., 1 to 1¼ inch caliper, **$1.75.**

AMERICAN ELM, MOLINE TYPE

for the Home Landscape

Outstanding Lilac Novelties

Jan Van Tol. Single, pure white, very large trusses and extremely large individual flowers; it is a very good grower and flowers very freely. 2 to 3 ft., **$2.00.**

President Poincare. Enormous, compact trusses of very large, full double flowers. Huge, dark red buds that open into lavender-blue flowers, presenting an unusually beautiful combination of colors. Very fragrant. 2 to 3 ft., **$2.00;** 3 to 4 ft., **$2.50.**

Ruhm von Horstenstein. Distinct new shade among the tall, large flowered Lilacs. Buds deep red changing to lovely lilac. Delicious perfume; single. Very floriferous, blooms completely covering the bushes. 2 to 3 ft., **$2.00.**

SPECIAL OFFER. One each of the above 3 Lilacs, 2 to 3 ft., **$4.75.**

Diderot. Single, enormous panicles, one foot long, with large claret-purple flowers; very free; dwarf. 2 to 3 ft., **$2.50.**

Lucie Baltet. Buds coppery old rose; flowers flesh-pink. Said to be the nearest to pure pink. Very beautiful and unusual single that attracts much attention. 18 to 24 in., **$2.00;** 2 to 3 ft., **$2.50.**

Marechal Lannes. Extra large trusses of double or semi-double flowers of beautiful bluish violet. Individual florets are of amazing size, the largest of any variety in our collection. A very showy lilac and one of our favorites. Fragrant. 2 to 3 ft., **$2.00.**

FRENCH HYBRID LILACS (Syringa)

Berryer. Long trusses of semi-double mauve flowers; buds reddish-purple. Fragrant; very early. 2 to 3 ft.; 3 to 4 ft.

Buffon. Single; elegant cluster of flowers, mauve-pink with reflexed lobes; buds dark rose; early. 3 to 4 ft.; 4 to 5 ft.

Charles Joly. Double flowers of dark wine-red with silvery reverse. 2 to 3 ft., 3 to 4 ft.; 4 to 5 ft.

Descartes. Single; mauve-pink; exceedingly free. Very early. 2 to 3 ft.; 3 to 4 ft.

Ludwig Spaeth. Immense clusters of single, deep purplish red flowers. 2 to 3 ft.; 3 to 4 ft.

Mad. Lemoine. Double pure white in large clusters. Strong grower. 2 to 3 ft., 3 to 4 ft.

Michael Buchner. Very double, large flowers of pale lilac. 2 to 3 ft., 3 to 4 ft., 4 to 5 ft., 5 to 6 ft.

Montaigne. Double. Very large clusters of mauve-pink flowers. It is the last of the Hybrid Lilacs to bloom and it is noted for the remarkable abundance of its flowers. 2 to 3 ft., 3 to 4 ft., 4 to 5 ft., 5 to 6 ft.

Pres. Grevy. Large compact clusters of double flowers of very fine blue. 2 to 3 ft.; 3 to 4 ft.; 5 to 6 ft.

Sizes which we have to offer noted after each variety.

Prices of above, except where noted, 2 to 3 ft., each, **$1.25;** 3 for **$3.00;** 3 to 4 ft., each, **$1.75;** 3 for **$4.50;** 4 to 5 ft., each, **$2.25;** 3 for **$5.50;** 5 to 6 ft., each, **$2.75;** 3 for **$6.50.**

HYBRID LILAC

Special Offer French Hybrid Lilacs

A beautiful assortment of double and single named varieties, labeled, our selection, at bargain prices. Plant a single specimen, a group or a whole hedge. Prices, 3 to 4 ft., **$1.00;** 3, **$2.75;** 10, **$7.50.** 4 to 5 ft., **$1.50;** 3, **$3.50;** 10, **$10.00.** 5 to 6 ft., **$2.00;** 3, **$5.00;** 10, **$15.00.**

LATE LILACS

Josikaea (Hungarian Lilac). *8 to 10 ft.* Dark lilac-colored flowers, blooming the first week in June, after the common varieties are gone. Very distinct and beautiful.

Villosa (Late Lilac). *7 to 8 ft.* An attractive, round-topped shrub with bright green foliage. Flowers flesh-colored and borne in clusters. Blooms after the common Lilacs are gone.

Each of above, 3 to 4 ft., **60c;** 10 **$5.00;** 4 to 5 ft., **75c;** 10, **$6.00;** 5 to 6 ft., **90c.**

MAPLE (Acer)

Amur Maple (Acer Ginnala). *10 to 15 ft.* A graceful large shrub or small tree, low branched and bushy. Its small foliage, prettily cut and lobed, turns a brilliant red in autumn. It is extremely hardy and may be used as a substitute for the Japanese Maple. 3 to 4 ft., **75c;** 10, **$6.00;** 4 to 5 ft., **$1.00;** 10, **$9.00.**

Norway Maple. (Acer Platanoides). *50 to 75 ft* A large and handsome tree with spreading branches, and compact, round head. Broad, dark green foliage, fading with tones of yellow and gold in autumn.

Height	Caliper	Each	10 for
8 to 10 ft.	1 to 1¼ inch	$2.25	$20.00
8 to 10 ft.	1¼ to 1½ inch	2.50	22.50

Larger sizes, prices on application.

Sugar Maple (Acer Saccharum.) *50 to 75 ft.* Tall stately tree of vigorous growth with deeply lobed, dark green foliage, changing in autumn to brilliant tones of orange and lemon.

Height	Caliper	Each	10 for
8 to 10 ft.	1 to 1¼ inch	$2.50	$22.50

Schwedler Maple (Acer Platanoides Schwedleri.) *40 to 60 ft.* Especially attractive in the spring, when their gleaming red and purple leaves contrast brightly with the delicate green of other trees. They change to dark green during the summer and fade with tones of yellow and brown in the fall.

Height	Caliper	Each	10 for
8 to 10 ft.	1¾ to 2 inch	$5.50	$50.00
10 to 12 ft.	2 to 2¼ inch	6.50	60.00

PLUM (Prunus)

Double-Flowering Plum (Prunus Triloba). *7 to 8 ft.* Native of China. Flowers double, of a delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; flowers in May before the leaves unfold, 2 to 3 ft., **90c;** 3 to 4 ft., **$1.00;** 10, **$9.00;** 4 to 5 ft., **$1.25.**

Newport Purple-leaf Plum (Prunus Cerasifera Newport). *12 to 15 ft.* A small tree shrub. The young branches are a dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint until they drop, late in autumn. The tree is covered early in the spring with small, single pink flowers, which appear before the leaves. 4 to 5 ft., **$1.00;** 5 to 6 ft., **$1.50.**

Purple-leaved Flowering Plum (Prunus Blirieana). *12 to 15 ft.* Has a wealth of fragrant, double pink flowers on long slender branches for 3 or 4 weeks in early spring. Foliage plum-like and heavily tinged with bronze which persists all summer. 4 to 5 ft., **$1.50;** 5 to 6 ft., **$2.00.**

MOCK ORANGE (Philadelphus)

Bouquet Blanc. *4 to 5 ft.* Each single branch of the variety has the appearance of a bouquet when thickly set with fragrant, semi-double flowers. Of upright growth. 2 to 3 ft., **50c;** 3 to 4 ft., **60c.**

Norma. *7 to 8 ft.* Unusually large, glossy white, single flowers in good sized sprays. An upright grower with light green leaves. 3 to 4 ft., **75c;** per 10, **$6.00;** 4 to 5 ft., **90c;** per 10, **$7.50.**

Pyramidalis. *8 to 10 ft.* Waxy white clusters of large, double flowers. Of tall, compact pyramidal growth with large dark green leaves. 3 to 4 ft., **75c;** 10, **$6.00;** 4 to 5 ft., **90c;** 10, **$7.50.**

Virginalis. *7 to 8 ft.* One of the most beautiful shrubs grown. In June the plants appear as a huge bouquet, being completely covered with very large, double crested flowers that are pure white and sweet-scented. It has a long blooming season, the new wood producing large individual single or semi-double flowers throughout the summer. 2 to 3 ft., **50c;** 3 to 4 ft., **60c;** 10, **$5.00;** 4 to 5 ft., **75c;** 10, **$6.00.**

GOLDEN ROSE OF CHINA

Golden Rose of China (Rosa Hugonis). *6 ft.* This is one of the earliest roses to bloom and it makes a very spectacular show when the long arching branches are thickly set with lovely single yellow flowers in May. It never winter-kills. 2 year, **60c;** 10, **$5.00;** 3 years, **75c;** 10, **$6.00.**

PHILADELPHUS Virginalis

OREGON HOLLYGRAPE

Mahonia Aquifolia. *2 to 4 ft.* An almost evergreen shrub with dark lustrous green, spiny toothed leaves that look like holly. Flowers yellow, in dense clusters appearing in spring. Berries blue or nearly black. Splendid for planting in semi-shade. 12 to 15 in., B. & B., **90c;** 10, **$7.50;** 15 to 18 in., B. & B., **$1.25;** 10, **$10.00;** 18 to 24 in., B. & B., **$1.50;** 10, **$12.50.**

RUSSIAN OLIVE (Eleagnus Angustifolia)

20 ft. A large tree-like shrub. Leaves light green above, silvery white beneath, very showy. Small, very fragrant yellow flowers in June, silvery fruits in August. Extremely hardy. Will thrive in dry situations. 4 to 5 ft., **70c;** 10, **$6.00.**

SHRUBBY CINQUEFOIL

Potentilla Fruticosa. 2 to 4 ft. A desirable low-growing shrub, thriving either in wet or dry soil, producing bright yellow flowers throughout the summer; suitable for rockeries and in front of taller shrubs. 18 to 24 in., **50c;** 10, **$4.00;** 2 to 3 ft., **60c.**

SNOWBALL

Old-Fashioned Snowball (V. Opulus Sterile) *8 to 10 ft.* Large balls of white flowers in May 2 to 3 ft., **75c;** 10, **$6.50.**

Fragrant Snowball (Viburnum Fragrans). *8 to 9 ft.* Very rare and interesting new shrub that blooms in April. At that time its leafless branches are clothed with profuse trusses of white flowers that are deliciously fragrant. 18 to 24 in. B. & B., **$2.50;** 2 to 3 ft., B. & B., **$3.00.**

SNOWBERRY

Snowberry (Symphoricarpos Racemosus). *3 to 5 ft.* Waxy white berries in fall. Does well in shade. 2 to 3 ft., **40c;** 10, **$3.50;** 3 to 4 ft., **50c;** 10, **$4.00;** 4 to 5 ft., **60c;** 10, **$5.00.**

SNOWGARLAND (Spiraea Arguta)

4 to 5 ft. A remarkable floriferous and showy shrub. Leaves narrow, bright green fading with tones of yellow and orange in fall. The flowers are small, pure white, and borne in early spring in such great profusion that the whole shrub appears laden with snow. 2 to 3 ft., **40c;** 10, **$3.50;** 3 to 4 ft., **50c;** 10, **$4.00;** 4 to 5 ft., **60c;** 10, **$5.00.**

EUONYMUS (Wintercreeper)

This group of trailing Euonymus are valued for their dense evergreen foliage and hardiness. They can be used for ground covers on terraces or under trees and are very effective when planted with Evergreens.

Bronze Wintercreeper (Euonymus Radicans Colorata). A fine new variety introduced by the Arnold Arboretum, with bright red foliage in winter. 12 to 15 in., **50c;** 10, **$4.00;** 15 to 18 in., **60c;** 10, **$5.00.**

Bigleaf Wintercreeper (Euonymus Radicans Vegetus). This hardy evergreen trailer has round leaves and is sometimes called "Evergreen Bittersweet" on account of its gorgeous red berries, which are resplendent all winter against a rich deep evergreen foliage. Makes a useful ground cover or will climb on brick or stone. 12 to 15 in., **60c;** 10, **$5.00;** B. & B. **90c;** 10, **$7.50;** 15 to 18 ins., **70c.** 10, **$6.00;** B. & B. **$1.25.**

Hedges of Flowers, Fruit or Foliage

KOREAN BARBERRY

Increasing use of hedges is being made in landscape planting. In sections where evergreen hedges are difficult, a great variety of deciduous plants have been found to serve well.

Hedges are used for windbreaks, for boundary plantings, for architectural effects about house and terrace, and to provide the necessary frame for garden views and background for floral beauty.

We list on this page plants which have been found useful for planting in hedge rows. Among them will be found plants suitable for both tall and low hedges; some of which bear foliage only, and others which in addition to the thick wall of leaves necessary to produce a good hedge, will in season bear flowers, or fruit.

BARBERRY (Berberis)

Mentor Barberry (Berberis Mentorensis). (Patent No. 99.) *3 ft.* It is extremely hardy and is able to withstand intense heat and drought without wilting or burning. Its foliage is heavy and thick and of green as dark as the Japanese Yew. With us here the leaves remain green until after the holidays, but are dropped in late winter. An ideal shrub for low hedges or foundation plantings. 15 to 18 in., **55c**; per 10, **$3.75**; per 100, **$30.00**; 18 to 24 in., each, **70c**; per 10, **$5.00**; per 100, **$40.00.**

Red-Leaved Japanese Barberry (Berberis Thunbergi Atro-Purpurea). *4 ft.* Similar in all respects to the green-leaved Japanese Barberry, but the foliage is a rich, bronzy red, similar to the red-leaved Japanese Maples. Plant in full sun to develop its coloring. 15 to 18 in., **40c**; 10, **$3.50**; 100, **$30.00**; 18 to 24 in., **50c**; 10, **$4.00**; 100, **$35.00.**

Truehedge Columnberry (Berberis T. Erecta). (Patent No. 110.) *4-5 ft.* It is decidedly more dense, more upright and more richly foliaged than the common Thunbergi. Of distinct pyramidal habit, it may be used for formal hedge or individual specimens without pruning. 15 to 18 in., each, **35c**; per 10, **$2.80**; per 25, **$5.75**; per 100, **$20.00**; 18 to 24 in., each, **45c**; per 10, **$3.30**; per 25, **$7.00**; per 100, **$25.00.**

Korean Barberry (Berberis Koreana). *6 ft.* A tall, dense, slender stalked variety. Its large, nodding green leaves, paler beneath, turn red orange and purple in the autumn and are especially effective at that time, when the colored veins give marked contrast as they change in September. Has bright red berries that hang on late into winter. 18 to 24 in., **75c**; 10, **$6.50**; 100, **$40.00**; 2 to 2½ ft., **85c**; 10, **$7.50**; 100, **$50.00.**

BRIDALWREATH (Spiraea)

5 to 6 ft. One of the most beautiful and useful shrubs. 2 to 3 ft., **40c**; 10, **$3.50**; 100, **$20.00**; 3 to 4 ft., **50c**; 10, **$4.00**; 100, **$25.00**; 4 to 5 ft., each, **60c**; 10, **$5.00**; 100, **$30.00.**

HANSEN BUSH CHERRY

Prunus Besseyi. *4 to 5 ft.* An easy to grow, new, hardy, quick-bearing cherry. It is valuable for its fruit, which resembles a plum in size and shape, and which comes massed in clusters from the ground up. They are good to eat fresh and make delicious preserves. The plants have striking ornamental value, are of a dwarf, bushy nature, and suitable for foundation plantings or for low fruiting hedges. Large, fragrant white flowers in spring and beautiful silvery green foliage which turns to a rich red and gold color in fall. 18 to 24 in., **50c**; per 3, **$1.25**; per 10, **$3.50**; 2 to 3 ft., **65c**; 3 for **$1.75**; per 10, **$5.00.**

CHINESE ELM HEDGING

Ulmus Pumila (Chinese Elm Hedging). It forms a beautiful, dense, impenetrable hedge with small, dark green foliage. It can be kept low-growing and clipped, or can be used where immediate screening effects are desired. For hedge purposes, plant seedlings 12 to 18 inches apart. 18 to 24 in. seedlings, not transplanted, 10, **$1.00**; 50, **$4.50**; 100, **$8.00.** 2 to 3 ft. seedlings, not transplanted, 10, **$1.50**; 50, **$6.00**; 100, **$10.00.**

COTONEASTER

Peking Cotoneaster (Acutifolia). *5 to 10 ft.* Small leathery leaves of rich glossy green on willowy brown branches closely set with small pink flowers in May; jet black berries in fall. It is a beautiful shrub and makes one of our finest hedges, due to its upright growth and adaptability to dry situations. Can be trimmed like Privet. Recommended in the North where hedge plants must be extremely hardy. 2 to 3 ft., **50c**; 10, **$4.00**; 100, **$35.00**; 3 to 4 ft., **60c**; 10, **$5.00**; 100, **$40.00.**

Spreading Cotoneaster (Divaricata). *5 to 6 ft.* Especially prized for its dark scarlet fruits which last until late in the autumn. It forms a wide-branched, densely twiggy bush from 5 to 6 ft. tall and much more in diameter. The leaves turn a brilliant crimson before they fall. An excellent hedge plant. 2 to 3 ft., each, **60c**; per 10, **$5.00**; per 100, **$35.00**; 2 to 3 ft., B. & B., each, **90c**; per 10, **$8.00**; 3 to 4 ft., each, **75c**; per 10, **$6.00**; per 100, **$40.00**; 3 to 4 ft., B. & B. each, **$1.00**; per 10, **$9.00.**

PRIVET (Ligustrum Amurense)

12 ft. One of the best hardy hedge plants. 18 to 24 in. **20c**; 10, **$1.50**; 100, **$12.00**; 2 to 3 ft., **25c**; 10, **1.75**; 100, **$15.00**; 3 to 4 ft., heavy, **30c**; 10, **$2.50**; 100, **$20.00.**

HANSEN BUSH CHERRY

RUGOSA ROSE Belle Poitevine

DWARF NINEBARK

Physocarpus Monogynus. *5 ft.* One of our finest low-growing hedge plants. Of dense, upright growth, it requires little shearing. The leaves are small, three to five lobed, and in color are a dark glossy green. Ideal for growing in shady places or in full sun. 2 to 3 ft., **50c**; 10, **$4.00**; 100, **$30.00**; 3 to 4 ft., **60c**; 10, **$5.00**; 100, **$35.00.**

PERSIAN LILACS

Persian Purple (Syringa Persica). *8 to 10 ft.* The most graceful and freely flowering of the Lilacs and one of the most beautiful hedge and screen plants in existence. The leaves are long and narrow; the branches drooping and willowy; and the purple-lavender flowers, in loose panicles, come in such profusion that they completely cover the plants. 2 to 3 ft., **50c**; 10, **$4.00**; 100, **$30.00**; 3 to 4 ft., **60c**; 10, **$5.00**; 4 to 5 ft., **75c**; 10, **$6.00**; 100, **$40.00.**

HYBRID RUGOSA ROSES

These shrub Roses are perfectly hardy and they produce their flowers in profusion all summer. They are extremely useful for planting in rough situations and in shrubbery borders and make a wonderful everblooming hedge.

Belle Poitevine. 5 to 6 ft. Very large, full double, loosely formed flowers of bright pink, borne in large clusters. 2 yr., **60c**; 10, **$5.00**; 3 yr., **75c**; 10, **$6.00.**

Hansa. 5 to 6 ft. Double, reddish-violet flowers of large size, freely produced. Very sweet scented. 2 yr., **60c**; 10, **$5.00.** 3 yr., **75c**; 10, **$6.00.**

F. J. Grootendorst. *5 to 6 ft.* A cross between the Rugosa and the Crimson Baby Rambler. The flowers are bright red, beautifully fringed, and produced in clusters. It blooms from early summer until frost. 2 year, **75c**; 10, **$6.50**; 100, **$50.00**; 3 year, **90c**; 10, **$7.50.**

Pink Grootendorst. *5 to 6 ft.* A variety similar in every way to the F. J. Grootendorst except that the flowers are a clear pink. 2-year, **75c**; 10, **$6.50.** 3 years, **90c**; 10, **$7.50.**

EVERBLOOMING SPIRAEA

Spiraea Froebeli. *3 ft.* Round, flat clusters of rosy-pink flowers from June to October. Beautiful foliage all season. One of our best low growing shrubs for general use and for flowering hedges. 18 to 24 in., **40c**; 10, **$3.00**; 100, **$20.00**; 24 to 30 in., **50c**; 10, **$4.00**; 100, **$25.00**; 2½ to 3 ft., **60c**; 10, **$4.50**; 100, **$30.00.**

DWARF BLUE-LEAF ARCTIC WILLOW

Salix Purpurea. A charming low growing Willow, with foliage of a lovely blue green. Excellent for low edging or can be clipped for formal effects. Grows anywhere in wet or heavy soils and can withstand extreme low temperatures. Plant 12 inches apart. 18 to 24 in., **40c**; 10, **$3.35**; 100, **$25.00**

VAUGHAN'S NURSERY CATALOGUE

Listing and illustrating the most popular and meritorious ornamental shrubs, shade trees, evergreens, small fruits, fruit trees, and vines, will be sent free on request.

New Giant Pansies

For Complete List of Pansies, See Our Spring Illustrated Catalog.

3892 **Swiss Alpenglow.** Rich wine red shades. Pkt., **25c.**

3896 **Swiss Berna.** Dark violet blue. Pkt., **25c.**

3891 **Swiss Blue(Ullswater)(Thuner Sea).** Deep blue flower with blue-black blotches. Pkt., **25c.**

3820 **Swiss Coronation Gold.** Canary yellow flushed orange, flowers 3 in., ruffled, spicy scent. Pkt. **50c.**

3897 **Swiss Delft Blue.** A delightful tone of translucent blue of good size and substance. Pkt., **25c.**

3895 **Swiss Luna.** Light straw yellow. Pkt., **50c.**

3900 **Swiss Pure White.** Very free-blooming. Pkt., **50c.**

3899 **Swiss Pure Yellow.** Pkt., **25c.**

3893 **Swiss Yellow (Rheingold).** Rich yellow with blotches on the three lower petals. Pkt., **25c.**

Vaughan's Super Swiss Giant Mixture

3894 The flowers are gigantic size, perfectly round, fine substance of flower and good form of plant, and exhibit shades previously unknown in this family. They bloom early in the spring continuing in flower all summer until late in fall. Pkt., **35c;** $\frac{1}{16}$ oz. **90c;** ⅛ oz., **$1.50;** ¼ oz., **$2.50.**

3880 **Vaughan's International Mixture.** A mixture of special strains including Swiss Giants, Maple Leaf Giants and other mixtures. Flowers of largest size and great substance in the most varied colors and color combinations. Pkt., **25c;** 3 pkts. for **65c;** ⅛ oz., **$1.10.**

Vaughan's Super Maple Leaf Giant Mixture (Canadian Giants)

3794 It is quite different from other types. The leaves are of giant size and the flowers are up to 4 inches across, under good cultivation. Of wonderful substance and fine form. Many charming colors are included. This has been a prize winner whenever shown. Pkt., **50c;** ⅛ oz., **$1.50.**

TYPE OF OUR GIANT PANSIES.

Annual Flower Seeds for Fall Sowing

WHEN you sow seeds of annuals in Fall, you imitate Nature's method. Practically all hardy annuals will produce stronger, sturdier plants with earlier bloom by this method. Even when spring sowing is desirable, experienced gardeners also sow in fall because they then have a continuous season of bloom. Also, they can sow at their leisure instead of trying to plant everything in a few short weeks. Do not be in too much of a hurry to sow. The ideal time is just before the ground freezes for the winter. November 15th is early enough in normal seasons in the vicinity of Chicago and New York. If the ground has been prepared in advance, sowings can also be made during winter thaws.

A fine seed bed is desirable. No covering of any kind is needed unless there is danger of washing or from birds, in which case a light, loose covering of evergreen boughs can be used. Plant at half the depth used when sowing seed in spring. Broadcast all small seed.

Pansies and Violas must be sown as early as September 1st, but should then be protected with straw or glass sash during the winter.

255 **Alyssum.** Vaughan's Little Gem. Snow-white carpet plant. Pkt., **10c;** ¼ oz., **25c.**

425 **Antirrhinum.** (Snapdragon). Vaughan's Special Mixture. Pkt., **15c;** ⅛ oz., **25c.**

1245 **Calliopsis.** Vaughan's Special Mixture. Graceful cut flower. Pkt., **10c;** ¼ oz., **30c.**

1260 **Candytuft.** Giant Hyacinth-Flowered White. Large bold spikes. Pkt., **10c;** ¼ oz., **25c.**

CENTAUREA CYANUS SUPER-DOUBLE

1506 **Blue Boy.** The true corn-flower blue. Pkt., **15c.**

1507 **Pinkie.** Lovely true pink. Pkt., **15c.**

1508 **Red Boy.** Deep glowing red. Pkt., **15c.**

1522 **Centaurea Cyanus.** Vaughan's Special Super Double Mixed. Pkt., **15c;** ½ oz., **40c;** oz., **75c.**

1950 **Cosmos.** Early Flowering Mammoth Mixed. For cutting and borders. Pkt., **10c;** ¼ oz., **20c.**

2015 **Cynoglossum** Amabile (Chinese Forget-Me-Not). 18 to 24 in. A lovely plant producing large sprays of brilliant blue Forget-Me-Not like flowers. Pkt., **10c;** ¼ oz., **25c.**

2305 **Dianthus Pinks.** Vaughan's Special Double and Single Mixture. Pkt., **10c;** ¼ oz., **30c.**

2415 **Escholtzia.** California Poppy. Vaughan's Special Mixture. Pkt., **10c;** ¼ oz., **30c.**

2532 **Gilia** Capitata (Blue Thimble Flower). 2 ft. Bushy plant of erect habit with fine feathery foliage covered with rich lavender-blue flowers. Pkt., **10c;** ¼ oz., **25c.**

2587 **Godetia. Many Sorts and Colors Mixed.** The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. Pkt., **10c;** ¼ oz., **25c.**

2680 **Gypsophila** Elegans Grandiflora Alba. London Market strain (Angel's Breath). Use for graceful effect with cut flowers. Pkt., **10c;** ½ oz., **20c.**

Larkspur Giant Imperial (Base Branching). These Larkspurs are ideal for cut flowers as the flower stems, three to four feet long, branch from the base of the plants.

2151 **Blue Bell.** A fine medium blue.

2152 **Carmine King.** Deep carmine rose.

2153 **Daintiness.** Delicate lavender.

2155 **Exquisite Pink Improved.** Soft pink.

2168 **White Spire.** Dazzling pure white.

2159 **Giant Imperial Mixed.** The above and others.

Price, any of the above: Pkt., **15c;** ¼ oz., **40c;** oz., **$1.40.**

2170 **Larkspur.** Vaughan's Special Annual Mixture. Pkt., **10c;** ¼ oz., **30c.**

3100 **Lupinus** Subcarnosus (Texas Bluebonnet). 15 in. Charming bushy plants. The flowers are of a delightful blue, with a distinct heart shaped blotch or eye of deep rosy flesh. Pkt., **10c;** ¼ oz., **20c.**

3390 **Nicotiana** Affinis (Sweet-scented Tobacco plant). White. Pkt., **10c;** ⅛ oz., **25c.**

3393 **Nicotiana.** Crimson Bedder. The flowers are of rich deep crimson. Pkt., **15c.**

4018 **Petunia.** Rose of Heaven. Brilliant rose with inconspicuous white throat. Pkt., **10c;** ⅛ oz., **35c.**

4025 **Petunia.** Vaughan's Special Mixture of Dwarf Small Flowering Varieties. Will be a revelation to those who plant a packet, in furnishing an unending supply of flowers in a most bewildering combination of colors. Pkt., **25c;** ⅛ oz., **50c;** ¼ oz., **85c.**

4370 **Poppy.** Vaughan's Special Shirley Mixed. Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Pkt., **10c;** ½ oz., **25c.**

4102 **Phacelia** Tanacetifolia (Fiddle Neck). 2 ft. Attractive light blue flowers, tansy leaved. Pkt., **10c;** ¼ oz., **25c.**

4310 **Poppy.** Vaughan's Special Double and Single mixed. Pkt., **10c;** ½ oz., **25c.**

4776 **Silene** Pendula Dwarf Double Salmon Rose. Pkt., **15c.**

4777 **Silene** Pendula Dwarf Double Triumph Crimson. Pkt., **15c.**

The above are free flowering annuals which make a brilliant show in early summer.

5635 **Tahoka Daisy.** A beautiful lavender-blue Daisy with fernlike foliage. Carried on good long stems, the flowers are tinted with rose as they fade, center deep yellow. Pkt. **25c.**

5813 **Viola Cornuta.** Vaughan's Special Mixture. Produces flowers with "faces," the colors range from pale lavender to deep rich purple, many charming intermediate shades. Pkt., **25c.**

5811A **Viola** Nigra or Black Imp. Quaint little flowers that might have been snipped from black velvet. It is about the closest to black of any flower, merest hint of violet reflection, and it comes true from seed. Of exceeding floriferousness. May be naturalized effectively. Blooms quickly first year from seed, putting on a three-month show. Pkt., **25c.**

5797 **Johnny-Jump-Up or Viola Tricolor.** The plants are easily raised from seed, come into bloom very quickly, violet blue flowers with yellow blotches on two upper petals. Perfectly hardy and will reseed itself. Pkt., 25c.

Delphinium

Pacific Giant (Vetterle and Reinelt)

Fresh seed germinates better and is preferred by experts. Sown at this time, seedlings will come thickly. They should be given shade to protect them from hot sun; and carried over the winter by preference in a cold frame.

7563 **Black Knight.** Darkest of all. Flowers 2½ to 3 inches with heavy velvety texture.

7559a **Blue Jay.** From medium to dark blue with dark bee.

7563a **Cameliard Series.** This is a pure lavender self, white bee, possessing classical perfection of form of the individual flowers, which are very round and flat.

7560 **Galahad.** Clear white, highly mildew resistant.

7560a **Lancelot.** Lilac with white bee.

PRICE, Each packet of the above, $1.00 per packet.

7561 **King Arthur.** Royal violet with large white bee.

7561a **Guinevere.** Light pink lavender with white bee.

7562 **Summer Skies.** Light blue with white bee.

7562a **Clear White.** Of glistening texture.

PRICE, Each packet of the above, 75c per packet

Standard Colors of Pacific Hybrid

7556 **Dark Blue Shades** 7558 **Pastel Shades**

7557 **Light Blue Shades** 7558a **Mixed**

PRICE, Each packet, 50c per packet.

VISIT OUR TRIAL GROUNDS

Now is the best time to visit our Trial Grounds, located at 47th Street and Willow Springs Road, Western Springs, Illinois. These grounds are open to visitors during the summer and fall and we extend a cordial invitation to all interested in horticulture to visit them. Every variety is plainly marked.

HORMODIN ROOT FORMING CHEMICAL

Hormodin is a hormone-like plant growth substance. Its principal use is to stimulate rapid root growth on cuttings. Makes it possible for growers to reproduce plants from cuttings with high percentages of successful results. Small size package, **50c.** Medium size, **$1.00**; 240 unit size, **$2.50**; 480 unit size, **$4.50**; 960 unit size, **$8.00.**

HORMODIN POWDERS

POWDER NO. 1. Designed primarily for use on carnations, chrysanthemums, poinsettias, roses, and similar types. Many house, garden, and greenhouse plants are included in the complete list. **Price,** 1¾ oz. pkg., each, **50c**; 1 lb., **$3.00.**

POWDER NO. 2. Designed for use on less sensitive species, which comprise many of the semi-woody types and many of the common shrubs. **Price,** 1¾ oz., **75c**; 1 lb., **$4.50.**

POWDER NO. 3. Designed for use with the more resistant species which comprise most of the evergreens and dormant leafless cuttings. **Price,** 1 oz., **$1.00**; ½ lb., **$4.50.**

The three Hormodin Powders are designed to cover the full propagating range with a one-dip treatment. Complete directions for each powder are included with the package.

Combination package of No. 1-2-3 in one carton, each, **75c.**

TRANSPLANTONE

For treatment of transplants of all kinds it contains the root forming hormones and Vitamin B-1. 1 oz., **50c**; 3 oz., **$1.00**; lb., **$4.00.**

ROOTONE

A hormone powder easy to use, anyone can apply safely, no skill is needed to apply Rootone, no measurements, no vials, no elaborate charts to follow, just dip and plant. Price, ¼ oz. pkg., **25c**; 2 oz., jar enough to treat 3,000 cuttings, **$1.00**; 1 lb. jar will treat up to 30,000 cuttings, **$5.00. Write for leaflet; all postpaid.**

ZOOM B-1

The only liquid vitamin B-1 plant growth stimulant with added chemicals to keep its strength indefinitely. 2-oz. dropper top bottle, enough to make 250 gallons of solution. Price, **$1.00.**

FULTON'S PLANTABBS

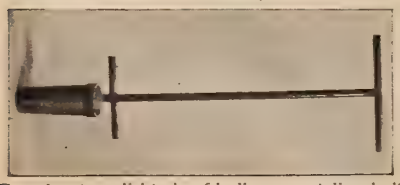
Odorless plant food in tablet form supply a complete balanced plantfood including Vitamin B-1. Box of 30 tablets, **30c** postpaid; box of 75 tablets, **55c**; box of 200 tablets, **$1.10.**

Hole in One Planting Tools for Bulbs

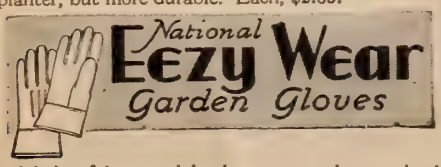
Make a hole in one operation. Simply cut the tool into the soil, remove it with a twisting motion, and with the tool comes a plug of soil leaving a perfectly flat-bottomed hole Small hand tool for cultivated soil. Each, **60c**; postpaid, **70c.** Large tool, **$4.00.**

Vaughan's Bulb Planter

A New, Handy Bulb Planter



For planting all kinds of bulbs, especially gladioli, tulips and hyacinths, etc. Similar to English type planter, but more durable. Each, **$2.85.**



Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium," and "Large." Price, **75c** a pair postpaid.

Bowls for Growing Bulbs

BULBS which are easily forced in bowls are described and illustrated on Pages 14 and 15. Attractive and inexpensive floral decorations for the living room and sunparlor can be produced by anyone who will follow the simple directions supplied.

For parcel post delivery add postage at zone rates.

F. L. Style Bowls. (Not illustrated). A pottery with slightly rolled top in matt green, blue or jet black glaze finish. Prices: 5-inch (wt. 2 lbs.), 35c; 6-inch (wt. 3 lbs.), 45c; 8-inch (wt. 4 lbs.), **75c.**

No. 5C164. Earthenware Flower Holder. White glazed finish. Figures of boy and girl in seated position. Size 5½x5¼x5¼ inches. Each, **45c.**

No. 4C138. Novel Gondola Shaped Flower Container. White with green trim glazed earthenware. Ideal for short stemmed flowers or small plants. Size 13x 4¾x2¾ inches Packed each in box. Each, **60c.**

V100 Mottled Marble Finish Bowls. These bowls have a very artistic mottled marble effect and should not be compared with ordinary pottery bowls. 7-inch, **75c.**

No. 3C51. Earthenware Flower Pot with Saucer Attached. Overall dimensions: Height 3½ inches. All white, highly glazed, hobnail pattern. Drain in bottom. Each, **20c**; 6 for **$1.00.**

Earthenware Basket with two dogs finished in colors. No. 8C217. Each, **35c**; 3 for **$1.00.**

Gravel and Pearl Chips

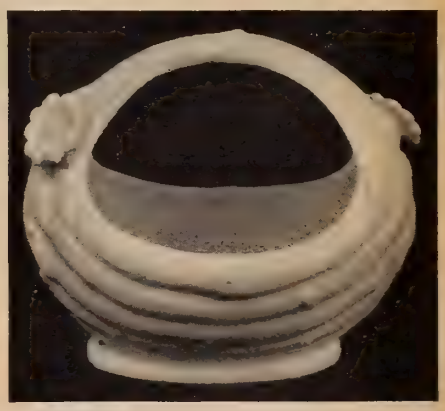
Pearl Chips, white, per lb., 10c; 10 lbs., 75c.
Pearl Chips, colored, per lb., 15c; 10 lbs., 85c.

Vaughan's Prepared Fibre

For Growing Bulbs in Bowls, without Drainage. Per lb. 15c; 3 lbs., 35c; 10 lbs., 85c.

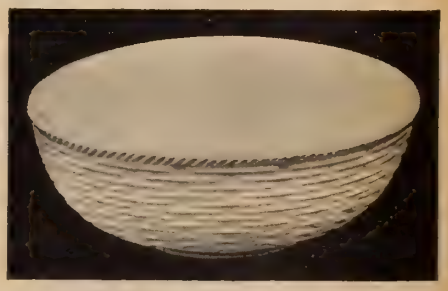
Ornamental Flower Holder. Figure of black and white panda climbing tree stump which is finished in brown and green. Made of glazed earthenware. Size 4x4¾x3 inches. No. 8C156. Each, **35c**; 3 for **$1.00.**

Earthenware Donkey with Bowl. Glazed finish and decorated in harmonizing colors in the Italian style. Size 7x4½x5⅜ inches. No. 8C362. Each, **65**; 3 for **$1.80.**



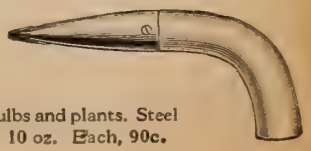
Basket Flower Holder. Bamboo design. Raised cherry blossoms with leaf decorations. Comes in All-white glazed finish earthenware. Size 6⅛x5⅝ inches. No. 4C130. Each, **65c**; 3 for **$1.80.**

No. 4C349. 3-Piece Console Set. Centerpiece molded to represent log construction. Harmonizing candlesticks. Made of earthenware and finished in a white glaze. Centerpiece 6½x4¼ inches. Height of candlesticks 2⅛ inches. Each set in carton. (Candles not included). Each, **45c.**



No. 100. Earthenware Bulb Bowl, with high glazed finish. Size 7x2⅝ in. Each, **25c**; 3 for **70c.**

Dibber



For planting bulbs and plants. Steel point. Weight, 10 oz. Each, **90c.**

Fertilizers are delivered within 25 miles of New York by Freight or Express at our Option.
« « Errata.—Prices on fertilizer in our catalogue are F. O. B. Chicago. Following are New York prices. » »

Vaughan's High Grade Fertilizers

These Prices Are Subject to Change Without Notice.

Vaughan's Lawn and Garden Fertilizer (5-8-6)

Five percent nitrogen; eight percent phosphoric acid; six percent potash.—This mixture differs from our balanced plant ration in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor and the quality of being more readily soluble, which makes it more quickly effective upon plant growth. This is an excellent mixture for regular use in the garden plot in small quantities to insure vigorous growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1,000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1,000 square feet, and during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet.

Price, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $3.75; 500 lbs., $15.50; 1000 lbs., $29.00; 2000 lbs., $55.00.

VAUGHAN'S BALANCED PLANT RATION (5-8-7)

Five percent nitrogen; eight percent phosphoric acid; seven percent potash.—This is a balanced fertilizer, chiefly composed of organic matter (bone, blood and potash) which has been used for 50 years with excellent results by florists, truck gardeners and amateurs, and which we recommend as balanced fertilizer for all around use in the home garden.

For lawns, use 20 to 40 lbs. per 1,000 square feet; and for cultivated gardens, 4 to 6 lbs. per 100 square feet. As liquid manure, use 1 part to 30 parts of water.

Price, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $3.75; 500 lbs., $16.50; 1000 lbs., $30.00; 2000 lbs., $57.50.

VAUGHAN'S "ROSE GROWER" BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen 3.7 percent; total phosphoric acid, 20 percent. Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.45; 50 lbs., $2.45; 100 lbs., $4.00; 500 lbs., $19.50; 1000 lbs., $33.50; 2000 lbs., $62.00.

REGULAR BONE MEAL.—Price, 25 lbs., $1.35; 50 lbs., $2.25; 100 lbs., $3.75; 500 lbs., $16.50; 1000 lbs., $29.00; 2000 lbs., $57.00.

BONE, Raw Ground. Excellent material for vine borders or greenhouse benching. Also all bulbs, indoors and outside. Fine for roses. High analysis. Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $3.75; 500 lbs., $16.00; 1000 lbs., $28.00; 2000 lbs., $55.00.

SHEEP MANURE WIZARD BRAND

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Price, 5 lbs., 45c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs., $2.10; 100 lbs., $3.00; 500 lbs., $14.00; 1000 lbs., $25.00; 2000 lbs., $45.00.

Shredded Cattle Manure Wizard Brand. Manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. Price, 100 lbs., $3.50; 500 lbs., $16.00; 1000 lbs., $28.00; 2000 lbs., $55.00.

Aluminum Sulphate. For creating acid condition in the soil. Price, 1 lb., 15c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.50.

Adco Artificial Stable Manure. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Price, 7½-lb. bag, $1.00; 25 lbs., $2.25; 150 lbs., $10.50. Write for booklet.

Agrico. Specially formulated for lawns, trees and shrubs. Provides ALL the needed plant foods—stimulating quick growth in early spring—providing slowly available plant food all season long. We are in a position to furnish Agrico fertilizers especially formulated for every crop and soil condition. Information and prices on larger quantities on request.

FOR LAWNS, TREES AND SHRUBS. 7-7-5. Put up in cotton paper-lined bags. 5 lbs., 45c; 10 lbs., 75c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00.

FOR GARDENS. 4-10-4. Put up in cotton paper-lined bags. 5 lbs., 45c; 10 lbs., 75c; 25 lbs., $1.40; 50 lbs., $2.40; 100 lbs., $3.75.

Bone and Blood. Tankage. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except if used in connection with potash salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; 500 lbs., $19.00; 1000 lbs., $36.00; 2000 lbs., $70.00.

Blood, Dried. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants.

Price, 25 lbs., $2.00; 50 lbs., $3.00; 100 lbs., $5.00; 500 lbs., $24.00; 1000 lbs., $47.00; 2000 lbs., $90.00.

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing.

Price, 7 lbs., $1.35; 14 lbs., $2.25; 28 lbs., $3.75; 56 lbs., $7.00; 112 lbs., $12.00.

Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose. Recommended by leading turf specialists and agronomists for use on lawns, golf courses and parkways. Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; 500 lbs., $18.50; ton, $70.00.

Floranid Urea. A highly concentrated inorganic fertilizer containing 46 percent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75; 100 lbs., $9.00.

Hardwood Ashes. Rich in potash and containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards. Canadian Imported.

Price, 25 lbs., $1.20; 50 lbs., $1.75; 100 lbs., $3.00; 500 lbs., $12.00; 1000 lbs., $23.00; 2000 lbs., $45.00.

Hyponex Plant Food. For growing plants in sand soil or water. One teaspoonful will make a gallon of complete plant food. 1 lb. will make 100 gallons. Price, 3 ozs., 40c; 1 lb., $1.00; 10 lbs., $8.00.

HUMUS. Recommended for top-dressing or use on heavy clay soils. Price, 100-lb. bags, $2.00; 500 lbs., $9.50; ton, $25.00.

Kem. A complete concentrated liquid plant food for growing plants in soil or without soil. The complete balanced diet for plants, grass, shrubs in instantly usable form. Odorless and harmless, Kem contains all essential elements necessary for proper growth including the element which produces Vitamin B-1 within the plants. Dilutes up to 89 to 1. House plant size, 25c; quart 60c; gallon, $1.25; case of 4 gallons, $4.50.

Leaf Mold. For correcting of clayey and sandy soil conditions. Price, 100 lbs., $2.50; 1000 lbs., $18.00; 2000 lbs., $30.00.

Lime, Hydrated. Price, 5 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00; 500 lbs., $8.00; ton, $25.00.

Limestone, Pulverized. Is a neutralizer for soil acidity, also improves the texture of the soil and liberates nitrogen and other plant food, and stimulates bacterial action. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, or by hand in small gardens—about a large handful to a square yard. Price, 100 lbs., $2.00; 500 lbs., $9.00; 1000 lbs., $15.00; 2000 lbs., $27.00.

Loma. Beautifies lawns and gardens, a scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Rich in Nitrates, Phosphates and Potash.

Price, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; ton, $70.00.

Muriate of Potash. Imported Potash, once again available, should be used liberally, especially for all root crops.

Price, 5 lbs., 60c; 25 lbs., $2.00; 50 lbs., $3.00; 100 lbs., $5.00.
Write for prices on larger quantities.

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but one of the cheapest and best forms in which to apply Nitrogen to plants. Do not let nitrate touch green growth or it will burn. Remove the lumps before using and break them up, which can be done by pounding.

For the Home Garden apply as a solution, one ounce to two gallons of water. Price (subject to market changes), 1 lb., 25c; 5 lbs., 60c; 10 lbs., 90c; 25 lbs., $1.50; 50 lbs., $2.45; 100 lbs., $4.00; 500 lbs., $18.00; ton, $60.00.

Nitrophoska. A highly concentrated inorganic fertilizer, clean and odorless. 15 percent nitrogen, 30 percent phosphoric acid and 15 percent potash. 1 lb., 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75.
Write for prices on larger quantities in original bags.

Peat Moss, Granulated. A moisture-retaining humus, an important aid in saving soil fertility, better than manure. Bale of about 20 bushels, $4.50; ½ bale, $2.90.

Potting Soil. (Blended) Price, 25 lbs., 75c; 50 lbs., $1.20; 100 lbs., $2.00.

Poultry Manure. Use it to enrich the soil for flowers, shrubs, lawns and garden. Price, 100 lbs., $3.75; 500 lbs., $14.00; 1000 lbs., $25.00; 2000 lbs., $48.00.

Rockland Fertilizer. Rabit Manure with a Peat Moss base. Excellent for lawns and shrubs. Price, 10 lbs., 75c; 25 lbs., $1.50; 50 lbs., $2.25.

Scotch Soot (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut-worms.

Price, 25 lbs., $2.50; 50 lbs., $3.50; 100 lbs., $5.00; 500 lbs., $24.00.

Stimuplant Tablets. For potted plants. 30 tablets, 25c; 100 tablets, 75c; 500 tablets, $2.50.

Sulphate of Ammonia. Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet.

Price, 5 lbs., 50c; 25 lbs., $1.50; 50 lbs., $2.25; 100 lbs., $4.00; 500 lbs., $17.00.

Super Phosphate. Twenty percent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid.

Price, 5 lbs., 45c; 25 lbs., $1.25; 50 lbs., $1.75; 100 lbs., $2.75; 500 lbs., $10.00; 1000 lbs., $16.00; 2000 lbs., $30.00.

Tree Food. (10-8-6). Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. Price, 100 lbs., $4.00; ton, $68.00.

Vigoro. Is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Complete directions in every bag. Price, 5 lbs., 50c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00.

5M—8-40

Vaughan's Garden Tools and Requisites

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED

FERTILIZERS (F. O. B. Chicago)

ADCO ARTIFICIAL STABLE MANURE. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Price, 7½ lbs., $1.10; 25 lb. bag, $2.50, 150 lbs., $11.50 Write for booklet.

BONE MEAL, Vaughan's "Rose Grower". Slightly steamed so that it can be ground fine, and is thus quicker in its action. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.60; 50 lbs., $2.60; 100 lbs., $4.25.

BONE MEAL, "Regular Grade." 25 lbs., $1.45; 50 lbs., $2.45; 100 lbs., $3.95.

CATTLE MANURE (Shredded). A natural fertilizer for all general purposes. If applied to the lawn in the fall it protects grass roots through the winter. As easy and clean to handle as grain. Price: 100 lbs., $2.75; 500 lbs., $11.25; 1,000 lbs., $19.00; 2,000 lbs., $36.00.

LOMA. Beautifies lawns and gardens. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Rich in nitrates, phosphates and potash. Price, 5 lbs., 45c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs. $2.50; 100 lbs., $4.00.

MILORGANITE. A plant food free of weeds provides plant food over a long period. 25 lbs., $1.00; 50 lbs., $1.65; 100 lbs., $2.75; 2000 lbs., $42.00.

SHEEP MANURE (Pulverized). Excellent for mixing with soil for greenhouse plants; one part manure and six parts soil. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., $1.10; 50 lbs., $1.60; 100 lbs., $2.35; 500 lbs., $10.25; 1000 lbs., $17.00; ton, $33.50.

VAUGHAN'S LAWN AND GARDEN FERTILIZER 5-8-6. Composed of plant foods in mineral form, making it odorless and quicker acting. Price, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25.

VAUGHAN'S CONCENTRATED PLANT FOOD. This is the most useful fertilizer for all kinds of plants raised in pots. Small pkg., 20c each. Large pkg., 30c each.
Mailing weight, small, 10 oz.; large, 17 oz. Each package contains full directions.

VIGORO. 5 lbs., 45c; 10 lbs., 85c; 25 lbs., $1.50 50 lbs., $2.50; 100 lbs., $4.00.

KEM LIQUID PLANT FOOD. A complete balanced ration for plants, a nutrient solution containing all essential elements, Nitrogen, Phos., Potash, including Calcium, Boron, Sulphur, etc. Merely dilute Kem solution with hydrant water. House plant size, 25c; slightly less than qt., 60c; gal., $1.25; full 4-gals. $4.25.

Fertilizer prices include delivery within 25 miles of Chicago on 25, 50, 100, 125 and 250 lb. lots. Smaller quantities delivered with orders of seeds, bulbs and supplies of $2.00 or more. On larger quantities than 250 pounds the customer pays all freight or express charges.

INSECTICIDES AND FUNGICIDES

Weights—By mail, ½ pt., 1 lb.; pt., 2 lbs.; qt., 3 lbs.

DRY LIME SULPHUR. For dormant spraying use 12 to 15 lbs., to 50 gals., water. Lb., 35c; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $12.00.

DOGZOFF. Breaks dogs of bad habits, spray underneath evergreen or shrubs. Bottle, 60c.

NEW EVERGREEN. Non-poisonous. Oz., bottle, 35c; 6 oz, can, $1.00; pint, $2.00; gal., $11.00.

FLOWERS OF SULPHUR. For mildew on roses, etc. Lb., 15c; 10 lbs., $1.00; 25 lbs., $2.00.

LEMON OIL. Destroys mealy bug, scale, thrip, red spider, etc. ½ pint, 30c; pint, 50c; quart, 85c; ½ gal., $1.75; gal., $2.50; 5 gals., $10.00.

LIME-SULPHUR. The best remedy for San Jose scale. One gallon makes ten; one of the best Autumn sprays. Qt. can, 50c; 1 gal., $1.25; 5 gal. can, $4.25.

SCALECIDE. An oil preparation for San Jose scale. Qt., 75c; gal., $1.60; 5 gallons, $6.00.

TOBACCO STEMS. For fumigating. 5 lbs., 25c; 100 lbs., $2.50.

TOBACCO DUST. One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. Lb., 15c; 5 lbs., 35c; 10 lbs., 65c; 100 lbs., $4.00.

VOLCK. Controls scale insects, mealy bug, white flies, red spiders, rust, mites, aphis and thrips. ½ pint, 35c; quart, 80c; gallon, $2.50; 5 gallons, $7.50.

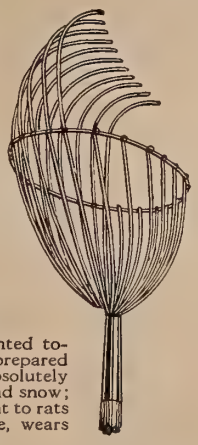
KNIVES. Propagating. "The Vaughan," best of all. Each, $1.75; by mail, $1.80.
Budding and Propagating. Two blades, white handle. Each, $1.75; by mail, $1.80.

KNIVES. Pruning. Henckel No. 3 C. Each, $2.75; by mail, $3.00.
Imported Pruning. $2.50; by mail, $2.60.

LABELS, Wooden, for Pots.

	Per 100	1000
4 in., painted	$0.45	$2.10
5 in., painted	.50	2.75
Tree (copper wired) 3½ in.	.55	3.25

WIRE FRUIT PICKER. A mechanical apple and fruit picker, so simple children can pick fruit with no danger. Without pole, price, 75c each; postpaid, 85c.



HOT-BED SASH

HOTBED SASH. Unglazed, for 3 rows, 10-inch glass. Each, $2.50; 3 for $7.25; doz., $24.60.
Glazed, each, $5.35; 3 for $14.95; doz., $54.60.

HOT-BED MATS

Milo Waterproof Hotbed Mats. A combination of heavy weight burlap felt and absorbent pulp, cemented together with a specially prepared waterproof compound absolutely impervious to rain, sleet and snow; proof against frost; repellant to rats and mice. Easy to handle, wears for years.

Size, 40x78 inches. Each, $2.60; doz., $27.00.
Size, 76x76 inches. Each, 4.75; doz., 48.00.

CEL-O-GLASS

CEL-O-GLASS. Will take the place of glass in hot-bed sash, garage and barn windows, storm doors, and many other purposes, at a great saving. Unbreakable and very light in weight. No glazing. Hammer and tacks are the only tools you need. Put up in rolls 3 feet wide up to 100 feet long. Price per square yard, $1.35; 25 ft. roll 3 ft. wide, $9.75; 100 ft. roll, $35.00.

WINDOW FABRIC VIO-RAY. A strong fabric treated by a patented process to make it transparent, weatherproof and waterproof. It costs much less than glass and for many purposes is superior. Anyone can put it up. It comes in rolls 36 inches wide and any length. Per yd., 30c; 10 yd. roll, $2.65; 20 yds., $4.90.

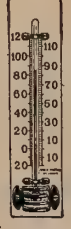
SPRINKLERS, Scollay's Rubber. Best sprinklers for plants, ferns, and flowers, holds 10 fluid ounces. Large $1.45. By mail, $1.50.

GLASS CUTTER, TROJAN. Each, 25c.

GLAZING POINTS, Vaughan's Perfection. No rights or lefts. No. 2, small, single thick glass; No. 2½, double thick, for greenhouse and skylights. Price, per lb. (approximately 900), 70c; postage extra.
Siebert's Improved, ⅝ and ⅞, price per lb., 60c.

PUTTY BULB (Scollay's). A useful tool with a tube for applying liquid putty in glazing greenhouses. Each, $1.60. Mailing weight, 1 lb.

WATERING POTS.—American. Heavy galvanized round can, two copper-faced roses, long spout; 4 quart, $4.95; 6 quart, $5.50; 8 quart, $6.25; 10 quart, $6.50; 12 quart, $6.95.
French Style. Oval, otherwise same make as above; 6 quart, $6.25; 8 quart, $6.50; 10 quart, $7.50, 12 quart $7.95.



THERMOMETERS. Tin Case, 8-inch. Each, 45c. **Cabinet Wood Case,** 8-inch. Each, 75c.
Tin Case, standard grade tested, 8-inch, Each, $1.50; **Hotbed,** Brass Point, Wooden Frame Each, $3.00; **Self-Registering** with magnet to set it, 8-inch, registers highest and lowest temperature, Each, $6.50.
White Porcelain Enameled. For in and outdoors and greenhouse with red spirit tube, easy to read. Each, 60c.

Japanese Bamboo Broom Rake. A handy tool for raking leaves very light and flexible. Each, 35c.

BROOM RAKE. Made of spring wire. Each, $1.25.

DOUBLE EDGE PRUNING SAWS. 16-inch, each, $1.35; 18-inch, each, $1.45; 20-inch, each, $1.60.
California curved pole pruning without pole, each, $2.50.

Forester pruning saw, 26 inches long, for cutting long limbs, each, $2.45.

SHEARS (Pruning)—Best Grade, 9 in. each, $1.85. Nickel-Plated 6-inch. each, $1.60.
Henckel's Imported, 8½-inch, $4.75; 9½-inch, $5.50.

LAWN SWEEPER

The Gem. Will clean a lawn more thoroughly than four men with hand rakes. Made of metal, wood and canvas, and lighter and less noisy than all metal. 24-in. cut. Each, $36.00.

PEAT MOSS—Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Garden size bale of about 6 bushels, $2.60; larger bale of about 22 bushels, $4.75.

PEAT. (Fern roots). Very useful for Orchids and Azaleas, per sack, about 2 bushels..... $3.25
LEAF MOLD. Peck, 40c; 2 Bushel Sack, $2.00
POTTING SOIL. This mixture is prepared by us. Suitable for all ordinary plants and bulbs; by express or freight at buyer's expense, ready for use. Pk., 40c; bu., $1.25; bbl., $3.00.

POTS, PANS AND SAUCERS

RED CLAY POTS.—We pack these carefully but will not be responsible for breakages.

	Doz.	100	1000		Doz.	100
2 in...	$0.35	$1.45	$10.25	6 in...	$1.25	$ 7.75
2½ in.	.40	1.65	12.75	7 in...	1.65	11.75
3 in...	.50	2.50	16.25	8 in...	2.25	16.25
4 in...	.65	3.00	.....	10 in.	.....	each, 60c
5 in...	.85	5.50	.....	12 in.	.....	each, 85c

BULB PANS (RED)

	Each	Doz.		Each	Doz.
6 in.	$0.15	$1.25	8 in.	$0.25	$2.25
7 in.	.20	1.65	10 in.	.60	5.50

TUBS—(Flower) Richmond.
These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Prices F. O. B. Chicago or New York.

No.		Each	Four	No.		Each	Four
1	6x 6	$0.75	$2.80	9	14x13	$1.90	$ 7.40
3	8x 8	.80	3.00	11	16x15	2.35	9.00
5	10x 9	1.00	3.80	13	18x17	3.20	12.40
7	12x11	1.50	5.80	14	19x18	3.85	14.80

If handles are required add **35c** per tub.
First figure following number of tub gives diameter in inches at top of tub; second figure depth in inches.

PRUNERS

THE FORESTER-PORTER POINTCUT PRUNER. Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, $5.00.

FORESTER PRUNERS

No. 1—20 inches long designed for the fruit grower. Each, $5.00. Weight, 2 lbs. 10 ozs.
No. 2—27 inches long has a capacity up to 1½ inch in green wood. Price, $6.00. Weight, 4 lbs. 10 ozs.
No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 ozs. Each, $7.00.

WHEELBARROWS

WHEELBARROW—Deluxe Handa. Special **Garden Barrow.** The best low priced garden barrow with pneumatic tire; size of bed, 27x18x14 inches; weight 40 lbs.; price, $8.95.

CONTENTS OF GARDENING ILLUSTRATED, AUTUMN, 1940

Explanation of Table Below: Numbers prefixed B, represent Bulbs; P, Plants and Trees; R, Roots; S, Seeds.

	Page
Achillea	P. 16
Almond	P. 22
Amaryllis	B. 14
Anemone	B. 11
Annuals	S. 25
Antirrhinum	S. 25
Aquilegia	P. 16
Aster (Michaelmas Daisy)	P. 16
Azalea	P. 22
Barberry (See Berberis)	P. 24
Boston Ivy	P. 21
Brodiaeas	B. 11
Breeder Tulips	B. 7
Bulb Bowls	26
Bulbs for Beginners	29
Bulb Pans	27
Bulb Planters	26
Calla Lilies	B. 15
Calliopsis	S. 25
Calochortus	B. 11
Camassia	B. 11
Canterbury Bell (See Campanula)	P. 16
Centaurea	S. 25
Cherry Japanese	P. 22
Chinese Lily	B. 15
Clematis	P. 21
Clover	S. 2
Columbine (See Aquilegia)	P. 16
Coreopsis	P. 16
Cosmos	S. 25
Cotoneaster	P. 24
Cottage Tulips	B. 6
Crab Flowering	P. 22
Daffodils (See Narcissus)	Cover, B. 8-10
Daisy	P. 16
Darwin Tulip	B. 5-6
Day Lily	P. 17
Delphinium	P. S. 16, 25
Dianthus	P. 16
Dicentra	P. 16
Dog Tooth Violets	B. 11
Elm	22
Erythronium	B. 11
Escholtzia	S. 25
Fertilizers	27
Flower Boxes, Tubs	27
Flower Pots, Pans	27
Flower Seeds	25
Flower Tubs	27
Flowers for Indoors	B. 15
Forsythia (Golden Bell)	22
Freesia	B. 14
Fritillaria	B. 11
Fruit Picker	27
Fungicides	27
Gaillardia	P. 16
Garden Gloves	26
Garden Tools	27
Glass Cutter	27
Glazing Material	27
Grass Seed	S. 2
Gravel	26
Growing Flowers Indoors	B. 14-15
Gypsophila	P. 16
Hardy Pinks	P. 16
Hardy Phlox	P. 17
Hedges	24
Hemerocallis	P. 17
Honeysuckle (See Lonicera)	P. 21-22
Hotbed Sash	27
Hotbed Mats	27
Hyacinths	B. 7
Hydrangea	P. 22
Insecticides	27
Iris	B. 10, P. 18-19
Jonquils	B. 9
Joss Flower (See Chinese Lily)	B. 15
Jet Bead	22
Kolkwitzia (Beauty Bush)	P. 22
Labels	27
Larkspur (See Delphinium)	P. 16
Lawn Seed	S. 2
Lawn Sweeper	27
Leaf Mold	27
Leucocoryne	B. 14
Leucojum	B. 11
Lilacs	P. 23
Lily of the Valley	B. 15
Lilies	B. 12-13, 31
Lonicera	21-22
Lupins	S. 25
Malus	P. 22
Maple	23
Mertensia	P. 17
Mock Orange	P. 23
Mountain Ash	22
Muscari	B. 11
Narcissus	B. 8-10
Narcissus, Chinese	B. 15
Nicotiana Affinis	S. 25
Ornithogalum	B. 11, 15
Oxalis	B. 15
Pansy	S. 25
Papaver	P. 17
Paper Whites	B. 15
Parcel Post Rates	28
Peat	27
Peat Moss	27
Pearl Chips	26
Peonies	R. 20-21, Cover C
Perennials	P. 16-17
Perfume	32
Petunia	S. 25
Philadelphus	P. 23
Phlox	P. 17
Planting Chart	29
Plant Tubs	27
Platycodon	P. 17
Poppy	P. 17
Pots, Pans, Saucers	27
Potting Soil	27
Prepared Fibre	26
Pruners	27
Prunus	P. 23
Pyrethrum	P. 17
Rakes	27
Ranunculus	B. 11
Rootone	26
Rugosa Roses	24
Roses	P. 30-31
Sage (See Salvia)	P. 17
Salvia	P. 17
Saws	27
Scillas (Squills)	B. 11
Sedum	P. 17
Shears	27
Shrubs, Ornamental	22-24
Snowball (See Viburnum)	P. 23
Spring Snowflake (See Leucojum)	B. 11
Spiraea	B. 11, P. 24
Sweet William (See Dianthus)	P. 16
Syringas	P. 23
Thermometers	27
Trees, Shade and Ornamental	22-23
Trollius	P. 17
Tulips	B. 1, 5-7
Tulip Collections	B. 1, 6
Veronica	P. 17
Viburnum	P. 23
Vines	R. 21
Violet	P. 17
Wheelbarrows	27
Winter Window Garden	15
Wisteria	P. 21
Zoom B-1	26

HELPFUL DETAILS MAKING MAIL ORDERS CONVENIENT

Order at Once Send in your order as soon as possible after receiving catalog. Bulbs for immediate planting will be sent at once, others at proper time, with due notification.

How to Order Use the order sheet accompanying this catalog. One section is for seeds, bulbs and sundries (i. e. Insecticides, Manures, Poultry Supplies, etc.); the other for plants, shrubs and trees only.

Don't put plants and trees on the same section with bulbs and seeds.

Important Write your name, postoffice, state and express office plainly with black ink, on every order, and every time you write to us give plain express, mail or freight directions; where none are given, we route at buyers' risk.

Quantity, Size, Price Always give the quantity required of bulbs, plants or trees, mentioning size where different sizes are offered, and carry out the price of each item.

Mistakes These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

Parcel Post Fourth Class Mail Matter, which includes seeds, plants, bulbs, roots, books, tools, insecticides (in dry and paste form), odorless fertilizers and requisites, may be forwarded by domestic parcel post within the United States. See table opposite showing postage you should add to insure free delivery. All poisonous Insecticides, are unmailable.

Express Service For most orders exceeding 20 pounds in weight and for plants requiring special packing, we urge they be expressed. Mark order plainly if wanted by Express or Parcel Post.

Our Terms with customers not having an account are strictly cash with order. We make no C. O. D. shipments unless one-third of amount is paid in cash with order. No trees, plants or other perishable stock, are sent C. O. D.

How to Send Money Send by New York or Chicago draft, registered letters, or postoffice or express money order; both are cheap and absolutely safe. Small postage stamps are taken as cash, but we prefer larger denominations, such as fives, tens or fifteens. Registered letters can be sent from any postoffice, and your receipt sent you by return mail if demanded. If personal checks are used have them certified and add 15 cents for exchange cost. Put no currency in letter unless you register it. Make money order payable to "Vaughan's Seed Store."

PARCEL POST Vaughan's Seed Store at Chicago and New York. covers the United States in a remarkable way to secure cheap postal rates for its many mail order customers.

The weights of all bulbs and roots offered are given and customers are requested to add sufficient to their remittance to cover postage on total estimated weight of order at rates given in the following table.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions.	First pound or fraction	Each additional pound or fraction
Local Chicago or New York City	7c.	1c. (2lbs.)
First and Second Zone within 150 miles of either	8c.	1.1c.
Third Zone within 150 to 300 miles	9c.	2.9c.
Fourth Zone within 300 to 600 miles	10c.	3.5c.
Fifth Zone within 600 to 1000 miles	11c.	5.3c.
Sixth Zone within 1000 to 1400 miles	12c.	7c.
Seventh Zone within 1400 to 1800 miles	14c.	9c.
Eighth Zone all over 1800 miles	15c.	11c.
Canada	14c	14c.

NOTE. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent. Limit of weight for delivery to all zones 70 pounds; to Canada 15 lbs. If weight exceeds this, we will pack in 2 or 3 parcels (not more), provided money is remitted to cover postage. Mark your Zone Number on order.

Our Responsibility It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. Or seeds may be returned.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

SEND TO THE CITY NEAREST YOUR ADDRESS

Copyright 1940 by Vaughan's Seed Store

VAUGHAN'S SEED STORE 10-12 W. Randolph Street, CHICAGO
47-49 Barclay Street, NEW YORK

15 BULBS FOR BEGINNERS $1

3 Each of 5 Different Varieties

15 Bulbs, 3 Each of 5 Different Varieties, $1.00 prepaid.
3 Scillas, 3 Grape Hyacinths, 3 Giant Tulips, 3 Hardy Daffodils, 3 Spring Snowflakes, 15 bulbs in all, for $1.00, postpaid.

36 Bulbs, 6 Each of 6 Different Varieties, $2.50 prepaid.
We will ship the following, prepaid.
6 Scillas, 6 Grape Hyacinths, 6 Giant Tulips, 6 Hardy Daffodils, 6 Spring Snowflakes, 6 Lilium Tenuifolium—36 bulbs.

72 Bulbs, 12 Each of 6 Different Varieties, $5.00 prepaid.
12 Scillas, 12 Grape Hyacinths, 12 Giant Tulips, 12 Hardy Daffodils, 12 Spring Snowflakes, 12 Lilium Tenuifolium—72 bulbs.

156 Bulbs, 24 Each of 6 Different Varieties, 12 of a seventh variety, $10 prepaid.
24 Scillas, 24 Grape Hyacinths, 24 Giant Tulips, 24 Hardy Daffodils, 24 Spring Snowflakes, 24 Lilium Tenuifolium, 12 Ornithogalum Umbellatum—156 bulbs.

THERE ARE two outstanding reasons why every gardener, veteran or beginner, should plant fall bulbs.

The advanced gardener knows that bulbs supply the dominant flowers for the first two months of the garden season, the time when garden beauty is most precious, and most rare.

The beginner finds that bulbs give him the surest and easiest success, of any flowers. Provided he plants quality bulbs, and follows a few simple rules, he can hardly fail to produce blossoms of the first rank.

Not even cultivation is required for this harvest. No insects will prey upon the flowers of spring bulbs, and they have no diseases to require expert treatment.

Spring-flowering bulbs prolong the garden season by a month at least. Not only that, but among them are flowers which even did they come in June, when gardens are crowded with glory, no gardener would be without.

The purchase of spring-flowering bulbs should not be considered an expense, to be charged to one garden season. It is an investment. A stock of bulbs has been known to produce flowers in the same garden for a century.

Even the labor of lifting bulbs after flowering may be dispensed with. All do excellently when left undisturbed year after year. This practice, indeed, is recommended for the daffodils. And tulips will suffer small loss if allowed to remain in a bed where they have done well, year after year.

HOW TO PLANT BULBS

Plant all fall bulbs as soon as they can be obtained, and you are willing to disturb established beds. Daffodils and hyacinths benefit especially from early planting. Tulips should go in when the leaves of trees fall, so they have a season of growth before the ground freezes.

In case of necessary delay, all fall bulbs can be planted as late as the ground can be worked. A light mulch placed over the proposed planting spot will keep the frost out, if delay is unavoidable. A mulch over late planted bulbs placed after the ground is frozen, will prevent thawing and heaving.

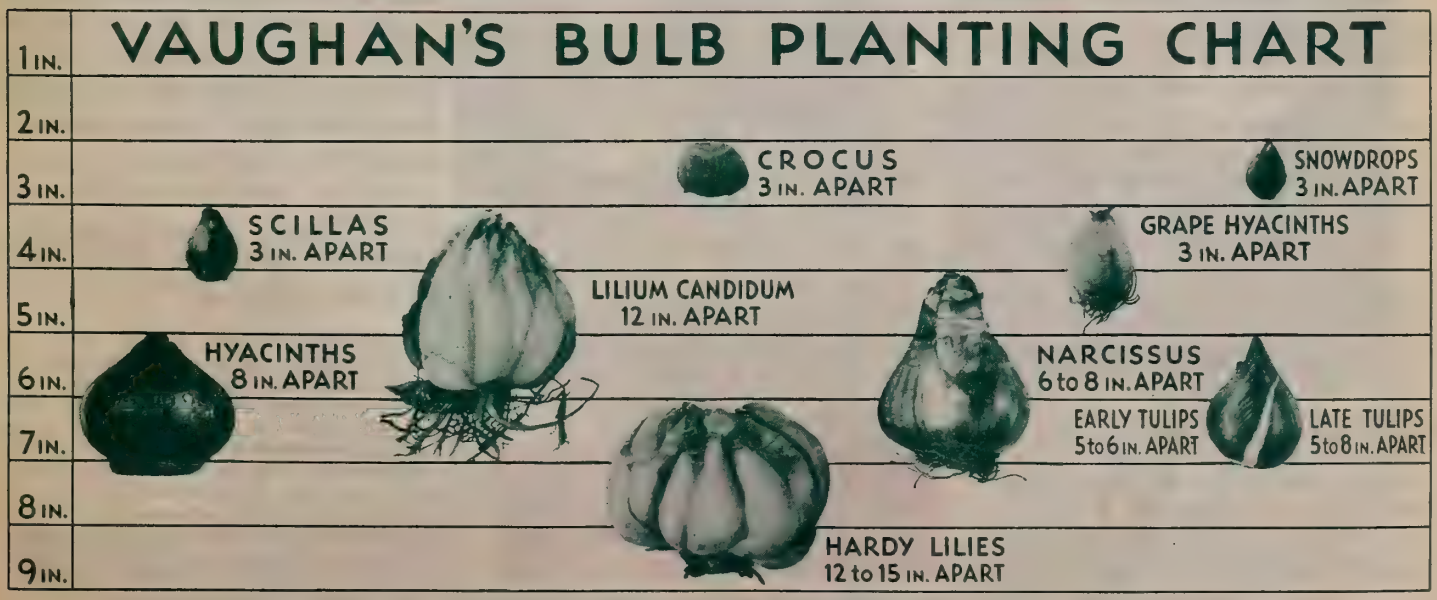
NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS

Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart
3 Feet	127	95	37	...
4 "	217	127	61	37
5 "	331	225	91	69
6 "	469	271	127	78
7 "	631	410	169	96
8 "	817	469	217	127
9 "	1027	650	271	156
10 "	1261	721	331	190
11 "	1519	940	397	240
12 "	1801	1027	469	271

A complete plant food applied to the soil at the rate of 5 pounds to 100 square feet, raked into the top soil after planting, will benefit the bulbs.

Use no manure with bulbs, unless it has been thoroughly rotted and can be spaded into the ground several months previous to planting.

If planting with a dibber, take care that the bulb rests on the soil and is not "hung"—that is, left with a hole beneath it caused by the point of the dibber.



THIS CHART INDICATES THE DEPTH AND DISTANCE APART VARIOUS FALL BULBS SHOULD BE PLANTED

For Fall Planting

6 EVER-- BLOOMING HYBRID TEA ROSES $3.75

ROME GLORY

Any 6 assorted of the Hybrid Tea Everblooming Roses listed below, prepaid 600 miles for $3.75. (Value $4.50).

12 for $6.50 Any twelve of varieties listed below, prepaid 600 miles for $6.50. (Value $9.00).

ALL classes of roses benefit by fall planting when properly done, as it enables the plant to start growing earlier in the spring.

Planting Method: Select three or four sturdy stems and cut clean away all others, prune the selected stems back to four or five eyes. Set the plant deeply, so that the crown where the stems unite is covered and the stems rise out of the soil. When frosts begin hill soil six or seven inches high around each plant, and cover the ground about them with several inches of dry leaves, or strawy manure. In the spring, dead wood should be cut away and each stem cut back to three eyes.

A Select List of Free Blooming Hardy Varieties

CONDESA DE SASTAGO. Spectacular two-toned rose with cupped flowers of coppery-scarlet on the inside and yellow on the reverse. Vigorous; fragrant. 85c.

ETOILE DE HOLLANDE. A brilliant dark red rose of magnificent size, vigorous grower; heavy bloomer; fragrant.

GOLDEN DAWN. Very double, extremely large flowers of pale straw yellow. Vigorous, bushy; extra fine garden variety.

GRUSS AN TEPLITZ. Rich scarlet shading to crimson, very fragrant. One of the best outdoor bedding varieties.

JOANNA HILL. A creamy-yellow with orange heart. Vigorous, long stems. The buds are large and pointed.

LEONARD BARRON. Immense blooms, over 5 inches across, of lovely salmon-pink with an amber glow. Very hardy. 85c.

MARGARET MC GREDY. Large Oriental red blooms, rich color and vigorous, bushy growth. Blooms continuously.

MME. JOSEPH PERRAUD. A gorgeous rose with enormous Nasturtium-orange buds; flowers charming Nasturtium-buff, flushed with shell-pink. $1.00.

MME. JULES BOUCHE. Long, pointed buds opening into superb white flowers, slightly shaded blush pink; fragrant. Best white for quantity of bloom.

MRS. CHARLES BELL (Shell-Pink Radiance). An exquisite shade of salmon shell pink with delicious fragrance and all the excellent qualities of Radiance.

MRS. ERSKINE PEMBROKE THOM. Slender yellow buds opening to well shaped canary yellow blooms. Considered the finest garden yellow.

MRS. HENRY BOWLES. Large, well-formed, fragrant rose of brilliant pink with salmon shadings.

PRESIDENT HERBERT HOOVER. The most popular Rose in America in 1938. Deep copper red buds open to a lovely blend of orange yellow, flame, vivid rose-pink, and scarlet. Fragrant.

RADIANCE. Brilliant rosy carmine, shaded with pink, constant bloomer.

RED RADIANCE. Clear cerise-red, otherwise same as in the parent Radiance. A fine garden variety.

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink, and old rose.

Prices of the above 16 Hybrid Tea Roses, except where noted, 2-year, No. 1 dormant—each, 75c.

3 Hardy June Roses 1.75

Prepaid 600 Miles

Hardy as oaks, and producing the finest flowers of the whole rose family, these roses not only flower freely in June, but often produce another crop of blossoms in the fall. The blossoms are larger, more fully double, of better color and plants live for years even in the coldest states. We offer the three best hybrid perpetual, or June roses, for planting this fall.

FRAU KARL DRUSCHKI. (White American Beauty.) Pure white, long, immense buds and perfectly double flowers. Blooms all summer. Each, 75c.

MRS. JOHN LAING. Fragrant flowers of clear pink on strong stems. Splendid for cutting. Blooms almost as freely as a Hybrid Tea. 75c.

ULRICH BRUNNER. A rose of beautiful form and finish, brilliant cherry-crimson. Vigorous, blooming continuously in the open. Each, 75c.

VISIT VAUGHAN'S ROSE GARDEN

You are invited to inspect our rose garden, at West Forty-seventh street and Willow Springs road, Western Springs, Ill.

Hardy Climbing Roses

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely produced in June.

DOROTHY PERKINS. Beautiful shell-pink double flowers in clusters, attaining great length in one season.

PAUL'S SCARLET CLIMBER. No other rose can compare with it for brilliancy of color, which is a vivid scarlet. A strong climber and perfectly hardy. Usually blooms again in the fall.

PRIMROSE. Its large, double flowers are a soft, rich primrose yellow, borne in clusters of 4 and 5. A most satisfactory hardy yellow climber.

PRICES of above Hardy Climbing Roses: 2-year, No. 1, dormant, each, 75c; per doz., $7.50.

SPECIAL OFFER. One each of Dorothy Perkins, Paul's Scarlet Climber and Primrose. 3 plants prepaid 600 miles for $1.95. (Value $2.25.)

SURPRISE ROSE COLLECTION

This is made up of our selection of Everblooming Hybrid Tea Roses. It may include varieties not listed above, but they will all be high grade Roses, in a wonderful assortment of colors, worth from 75c to $1.00 each. Every rose will be labeled (no two varieties alike) and because you are letting us make the selection, we are giving you this bargain price. 6 Roses, our selection for $2.95; 12 Roses our selection, for $4.95, prepaid 300 miles.

Ready about November 1st. If wanted by Parcel Post, remit 5c per plant for postage, except on Prepaid Offers.

ROSES—Continued.

Best Patented Hybrid Teas

We have selected the cream of the now long list of Patented Roses. These have proved satisfactory over a wide area.

CRIMSON GLORY. (Patent No. 105.) We consider this the finest new red. It gives a quantity of fine urn-shaped buds opening to fragrant flowers of crimson with a soft velvety nap. $1.25.

ECLIPSE. (Patent No. 172.) Internationally famous and of sensationally new form. Long, streamlined buds of clear, bright yellow, freely produced. Semi-double blooms, lasting well. $1.00.

MABELLE STEARNS (Perpetual Flowering Dooryard Rose) (Patent No. 297). Very hardy plants growing 2 ft. high and spreading 6 to 8 ft. if permitted. Full double, delightfully fragrant flowers of peach-blossom-pink are produced in panicles from June until frost. excellent for cutting. $2.00.

ROME GLORY. (Patent No. 304) A red Dame Edith Helen. Produces very large, cerise-red, double blooms on long stems. Flowers long lasting and not affected by dry or wet weather. Very perfumed. Extraordinarily robust and hardy plant. $1.25.

SIGNORA. (Plant Patent No. 201.) There is no other rose quite like this one, a warm symphony of brownish orange and salmon. It is a vigorous, tall and free blooming plant with long buds opening double and fragrant. Will soon be as popular as the famous Hoover which it resembles. $1.00.

STERLING. (Patent No. 21.) Here is a new rose that is just about perfect. The flowers are perfectly shaped and in color are a beautiful clear pink with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage, and it blooms and blooms. $1.00.

Four Great Roses, $3.55
One each of Eclipse, Rome Glory, Signora and Sterling (value $4.25).

Patented Climbing Roses

BLAZE (NEW HARDY EVERBLOOMING SCARLET CLIMBING ROSE). (U. S. Plant Patent No. 10.) A new hardy climber combining the color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. It will produce flowers on both the old and the new growth. $1.00.

DOUBLOONS. (Patent No. 152.) A hybrid of our native Rose Setigera and very hardy. Clusters of very large cup-formed, saffron yellow blooms, opening one after the other. Long heavy canes. Undoubtedly the best yellow climber to date. Has the tendency to repeat in midsummer. $1.00.

HERCULE. (Patent No. 296.) Very hardy Setigera Hybrid. Huge flowers, 5 to 6 inches across, of clear, deep rose pink. Flowers abundantly. $2.00.

THE NEW DAWN (THE EVERBLOOMING DR. VAN FLEET). (U. S. Plant Patent No. 1. Introduced in 1931.) The first everblooming climbing rose. A sport from Dr. Van Fleet having same habit of growth. The delicate flesh pink flowers are fragrant and bloom all summer and fall. $1.50.

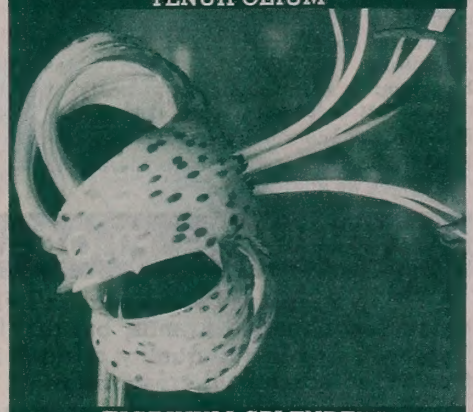
Three Patent Roses, $2.95
One each Blaze, Doubloons, and The New Dawn (value $3.50).

6 Hardy Garden Lilies 90c

LARGE BULBS .. Postpaid

SUPERBUM

TENUIFOLIUM


TIGRINUM SPLENDENS

UMBELLATUM

One each of the 6 varieties illustrated: Rubrum, Umbellatum, Tenuifolium, Regale, Tigrinum Splendens, and Superbum, prepaid for 90c.

(As Illustrated)

One Each Variety Separately Bagged and Labeled, Prepaid	$0.90
Two Each Variety Separately Bagged and Labeled, Prepaid	1.70
Six Each Variety Separately Bagged and Labeled	4.80
Twelve Each Variety Separately Bagged and Labeled, Prepaid	9.40

RUBRUM

REGALE

These varieties are hardy, vigorous and lasting, true "flowers of the field" and if planted in a well drained location, in mellow soil, will grow and multiply, contributing to your garden picture for years. Fall planting on the average gives much better results than spring planting. Shipped at Your Proper Planting Time. See Pages 12 and 13 for Descriptions of these varieties.

The Fragrance of Your Favorite Flower

Vaughan's Natural Floral Perfumes, Dram 50¢

Thousands of women, deprived of their favorite imported brands of fine floral perfumes by war conditions, have been surprised to find in this line of American-made fragrances a quality which could be compared directly with the best of these imported products.

What has been more surprising to them, however, has been the fidelity with which they recreate the actual fragrance of the flower itself. As one woman expressed it, "Fresh as a flower is no longer a poetic phrase: I feel as though I am actually smelling the flower itself."

We particularly recommend the bouquet types to women who are accustomed to using the better brands of fine French bouquets.

THE FOLLOWING ODORS ARE AVAILABLE IN EITHER COLOGNE OR PERFUME

(Cologne is about one-eighth the strength of perfumes (about double the strength of ordinary toilet water). It is used wherever a perfumed lotion is wanted — in the bath, on linens, or as a refreshing lotion in hot weather.)

Appleblossom: Soft, yet fresh and clean.

Bouquet S: A delicately feminine blend of rich floral oils that in France and America is accepted as the leading type of odor in the better shops.

Bouquet X: Another blend, slightly "drier" and less sweet. An exotic fragrance preferred by women accustomed to the better French perfumes.

Carnation: Many acknowledge it as the best recreation of this beloved old favorite.

Forest Breeze: A smoky, piney fragrance—the scent of a pine forest on an autumn day.

Frangipani: A rich, sweet odor similar to Jasmine. Loved for centuries. The red "Jasmine" of Bermuda.

Freesia: We are proud to have captured the elusive scent of this delicate flower.

PERFUME PRICES		COLOGNE PRICES	
1 Dram	50c	1 Ounce	35c
2 Drams	90c	4 Ounces	1.00
½ Ounce	1.60	½ Pint	1.85
1 Ounce	3.00	1 Pint	3.00

(An ounce contains eight drams)

These prices postpaid to any point in the United States. Prices are based on plain containers. Gift Box included.

Gardenia: Not sweet like so many "Gardenia" perfumes—a rich, intense odor.

Geranium: Like a crushed leaf of the green plant.

Hawaiian Lei: A lovely blend of exotic tropical flowers.

Heather: A rich "smoky" or "peaty" fragrance that goes well with sport clothes.

Heliotrope: The true sweetness of the flower.

Hyacinth: The most accurate recreation of this flower we know.

Lavender: The well-known English type, not sweet or "musky" like so many near-lavenders.

Lilac: Lilacs wet with morning dew. Fresh and leafy—our largest selling odor.

Lily of the Valley: At last, a satisfactory reproduction of this elusive scent.

Magnolia: The veritable fragrance of the Southern Magnolia—rich and lush.

Nicotiana: Reproduced with astonishing fidelity. The well-known "Sweet-scented Tobacco."

Parma Violet: A favorite for generations with women of wealth and refinement.

Red Rose: The Damask Rose type.

Sweet Pea: The true fragrance of the original Spencer sweet pea.

Violet: The English violet, softer than the Parma type.

White Rose: An old favorite—not as heavy as Red Rose.

Wild Rose: Like the breeze through a Sweet Briar hedge in June.

Three Personalized Fragrances

Dram, $1.50; Ounce, $10.00.

We take pleasure in offering this group of highly individual, specially blended odors, which while not exactly matching the perfume of particular flowers, do express the enchanting fragrance of gardens and woodlands.

Garden Night: A rich, luxurious odor that is particularly appropriate for evening wear, especially blended for a glamorous radio star.

Morning Fresh Bouquet: A dewy, ferny fragrance, for daytime wear, which expresses springtime, youth, and beauty. It has won wide acceptance among young women of good taste.

Song of the Heart: Made from the formula compounded for the wife of one of the world's leading perfumers, this is a dry, woodsy fragrance with no trace of sweetness, yet definitely not heavy. A perfume of unusual distinction.

VAUGHAN'S FLORAL SCENTED SOAPS

Today we can say that Vaughan's Floral Scented Soaps are not only equal to the best imported brands, but that they surpass them, both in trueness of fragrance and in the quality of stock from which they are made. They are true super-fatted, cold-cream soaps.

They are highly fragrant—when moistened, a single cake will pleasantly perfume the air of an entire room. The odors are of the same high quality as those used in our perfumes. We invite direct comparison with soaps selling at prices from three to ten times as high as these.

ODORS AVAILABLE ARE:

Carnation: A fresh, spicy odor—liked even by men who do not ordinarily care for scented soaps.

Blue Spruce: A soft fragrance of the pine type, but without any trace of the turpentine note of many pine soaps.

Geranium: The fresh, leafy odor of an old favorite.

Lemon Verbena: The fresh, lemony fragrance of the tender green tips of this beloved plant.

Lavender: Soap experts tell us that this is the only soap they have smelled which retains a fresh lavender character after milling. Outstanding.

Lilac: Specialists tell us that this is the only soap available today which can be compared to the Lilac formerly turned out by a famous foreign firm which was considered the best in the world. True Lilac wet with dew.

Zanzibar: Like a clipper ship cargo of spices and aromatic woods from the Indies—a clean, pungent fragrance loved by all.

PRICES: 3 oz. cake, 18c (add 3c for postage); 6 oz. cake, 35c (add 6c for postage).

COVER COLLECTION C

One plant each of the varieties illustrated on this page (4 plants value $2.85) prepaid 600 miles for **$2**

Prices of Separate Varieties

Alsace Lorraine, (white) top right, 75c.
Karl Rosefield, (red) top left, 60c.
Sarah Bernhardt, (dark pink) lower right, 75c.
Reine Hortense (light pink) lower left, 75c.

Ten Giant Tulip Leaders $1.20 Prepaid

One Large Bulb Each of the Varieties Illustrated on This Page (10 Bulbs)

Two each (20 bulbs) $2.25.
Three each (30 bulbs) $3.25.
Six each (60 bulbs) $6.25.
Twelve each (120 bulbs) $12.00.

These are our own American Grown Tulips, from our fields in the Pacific Northwest, where we have grown tulips by scientific methods for several years. The varieties are outstanding among the tall, late flowering giant tulips. In our tests, our American grown tulips have produced better flowers than imported Dutch bulbs. Varieties illustrated are priced individually as follows:

	Doz.	100		Doz.	100
Bartigon	$1.25	$ 9.00	Pride of Haarlem	$1.40	$10.00
Inglescombe Yellow	1.25	9.00	Orange King	1.40	10.00
Reverend Ewbank	1.40	10.00	Madame Krelage	1.25	9.00
Clara Butt	1.25	9.00	Sundew	1.55	11.00
Maiden's Blush	1.55	11.00	Bronze Queen	1.25	9.00

BARTIGON (Darwin)

ORANGE KING (Cottage)

INGLESCOMBE YELLOW (Cottage)

MADAME KRELAGE (Darwin)

MAIDEN'S BLUSH (Cottage)

SUNDEW (Laciniated Darwin)

REVEREND EWBANK (Darwin)

PRIDE OF HAARLEM (Darwin)

BRONZE QUEEN (Breeder)

CLARA BUTT (Darwin)